August 31, 2006

Job No.: 0108,001.93

Mr. Bruce Raven 4550 Spring Hill Road Petaluma, CA 94952

Groundwater Monitoring Report - May 2006 Event C&R Ranches 4550 Spring Hill Road Petaluma, California

Dear Mr. Raven:

Please accept this as Edd Clark & Associates, Inc.'s (EC&A's) report on May 2006 groundwater monitoring at C&R Ranches, 4550 Spring Hill Road (site) in Petaluma, California (Figure 1). Groundwater monitoring is being conducted at the site at the request of the County of Sonoma Department of Health Services (CSDHS) because of a release of fuel hydrocarbons (FHCs) to the subsurface in the location of the former underground storage tanks (USTs). Groundwater monitoring activities completed for this event were responsive to the CSDHS August 27, 2003 letter, which approved removal of MW-1 and onsite water-supply wells W-1 and W-2 from the sampling program, annual sampling of MW-2 at seasonally high water-table levels, and semi-annual sampling of MW-3 through MW-10 at seasonally high and low water-table levels.

The scope of work for the May 2006 groundwater monitoring event included measuring depth to water (DTW) in MW-2 through MW-10; collecting groundwater samples from MW-2 through MW-10 for laboratory analyses (Figure 2); calculating groundwater-flow direction and gradient; evaluating the results of the analyses and calculations; and preparing this report. Additionally, because an ozone microsparging system is planned to be installed at the site, dissolved oxygen (DO) and oxidation-reduction potential (ORP) were measured in MW-2 through MW-10 and groundwater samples from MW-2 through MW-5 were analyzed for ORP-sensitive chemicals to establish preozone microsparging baseline measurements. These ozone microsparging groundwater parameters were required by the CSDHS in their November 30, 2005 letter. A copy of this report will be submitted to the CSDHS for their review and to the State GeoTracker Internet Database.

Water-level Measurements

On May 8, 2006, EC&A personnel measured groundwater levels in monitoring wells MW-2 through MW-10. DTW below the top of well casing (TOC) in each well was measured to the nearest 0.01 foot (ft) with a water-level meter. The meter was cleaned and rinsed prior to taking measurements in each well. DTW measurements were recorded after the well caps were removed and groundwater in the wells was allowed to equilibrate for a minimum of 15 minutes. DTW in MW-2 through MW-10 ranged from 3.83 ft to 5.40 ft, and the calculated groundwater-flow direction and gradient

in the vicinity of the former USTs location were S62°W and 0.10 ft/ft, respectively (Table 1 and Figure 3).

Groundwater Field Logs containing DTW measurements are in Appendix A. DTW data will be electronically submitted to the State GeoTracker Internet Database.

Groundwater Sampling

On May 8, 2006, EC&A personnel collected groundwater samples from MW-2 and MW-5 through MW-10. Groundwater samples were collected from MW-3 and MW-4 on May 9, 2006. Prior to collecting samples, the monitoring wells were purged with a submersible pump and the purged water was checked for the presence of free-floating product. Free-floating product was not detected in the purged water; however, an odor of FHCs was detected in water purged from MW-3 and MW-4. Groundwater temperature, pH, electric conductivity, ORP and DO were measured during purging of the wells at intervals of approximately one well-casing volume. Groundwater samples were collected from the monitoring wells after groundwater parameters stabilized and the water level returned to a minimum of 80% of the initially recorded water level. Purge volumes and water-quality parameters are recorded on the Groundwater Field Logs in Appendix A.

Groundwater samples were collected in new single-sample, disposable bailers fitted with disposable, bottom-emptying devices to minimize water degassing. The samples were transferred from the bailers to properly labeled, laboratory-supplied sterile sample containers, placed on ice and transported under chain-of-custody control to McCampbell Analytical, Inc. (MAI) for the required chemical analyses. MAI is a state-certified laboratory in Pittsburg, California.

Decontamination Procedures

Sampling equipment was cleaned onsite with a low-phosphorous, soap-and-water solution and double rinsed in tap water. Decontamination water and monitoring well purge water were placed in properly labeled, DOT 17H 55-gallon drums for temporary, onsite storage.

Groundwater Sample Analyses and Results

Groundwater samples collected from MW-2 through MW-10 were analyzed for total petroleum hydrocarbons (TPH) as gasoline (g), TPH as diesel (d) and benzene, toluene, ethylbenzene and xylenes (BTEX) by Analytical Methods SW8015Cm/8015C/8021B, and for methyl tert-butyl ether (MTBE), other gasoline oxygenates and the lead scavengers 1,2-dibromoethane (EDB) and 1,2-dichloroethane (1,2-DCA) by Analytical Method SW8260B. In addition, groundwater samples from MW-2 through MW-5 were analyzed for the inorganic anions bromide and bromate by Analytical Method E300.1, and dissolved metals hexachrome (by Analytical Method E218.6) and molybdenum, selenium and vanadium by Analytical Method E200.8.

TPHg, TPHd, BTEX, MTBE and 1,2-DCA were detected in the groundwater sample collected from MW-3 at 3100 micrograms per liter (µg/l), 370 µg/l, 600 µg/l, 160 µg/l, 87 µg/l, 140 µg/l, 17 µg/l and 14 µg/l, respectively. TPHg, TPHd, BTEX, MTBE, 1,2-DCA, tert-amyl methyl ether (TAME) and t-butyl alcohol (TBA) were detected in the groundwater sample collected from MW-4 at

33,000 μ g/l, 3500 μ g/l, 3400 μ g/l, 210 μ g/l, 1400 μ g/l, 4200 μ g/l, 290 μ g/l, 20 μ g/l, 14 μ g/l and 86 μ g/l, respectively. The analytical laboratory described the TPHd results for MW-3 and MW-4 as "gasoline range compounds are significant".

MTBE was detected in samples from MW-5, MW-7, MW-8 and MW-9 at 1.4 μ g/l, 2.0 μ g/l, 2.7 μ g/l and 0.64 μ g/l, respectively.

Bromide was detected in groundwater samples collected from MW-3, MW-4 and MW-5 at 0.28 milligrams per liter (mg/l), 0.45 mg/l and 0.37 mg/l, respectively. Hexachrome was detected in MW-2 at 0.92 μ g/l. Molybdenum was detected in samples from MW-2, MW-3 and MW-4 at 4.0 μ g/l, 1.2 μ g/l and 2.0 μ g/l, respectively. Selenium was detected in MW-2 at 0.59 μ g/l. Vanadium was detected in MW-3 and MW-5 at 0.52 μ g/l and 0.57 μ g/l, respectively.

The results of analyses of groundwater samples from monitoring wells are presented in Tables 2 and 3. Results of samples previously collected from the water-supply wells are presented in Table 4. A complete copy of the analytical laboratory report is in Appendix B. Groundwater sample results will be electronically submitted to the State GeoTracker Internet Database.

DO And ORP Measurements

On May 8, 2006, EC&A personnel measured DO and ORP in MW-2 through MW-10. The May 2006 event is the second for which DO and ORP have been measured for baseline purposes. DO, ORP and groundwater temperature and pH measurements are presented in Table 5.

Discussion

In MW-1, except for low concentrations of TPHg, benzene, ethylbenzene and xylenes detected in January 2001, FHCs were not detected in the other eight sampling events conducted since February 1996. MW-1 was removed from the monitoring program after the June 2003 sampling event.

In MW-2, which is located immediately north of the former UST excavation, MTBE, at minor concentrations, is the only analyte that has been detected. MTBE has been detected in four of the eleven sampling events conducted to date on this well at a maximum concentration of 3.6 μ g/l (September 2002).

In MW-3, concentrations of TPHg have ranged from 310 μ g/l (October 2004) to 19,000 μ g/l (April 2000); TPHd concentrations have ranged from non-detect (ND) <50 μ g/l (January 2000) to 1200 μ g/l (July 2000 and April 2004). Benzene concentrations in MW-3 have ranged from 19 μ g/l (October 2004) to 3700 μ g/l (April 2004); MTBE concentrations have ranged from 17 μ g/l (May 2006) to 230 μ g/l (October 2000). TBA was detected in MW-3 for the April and November 2005 events at 50 μ g/l and 13 μ g/l, respectively. Lead scavengers EDB has been detected in MW-3 for all but three sampling events at concentrations ranging from 1.2 μ g/l (January 2001) to 46 μ g/l (July 2000). 1,2-DCA has been detected in MW-3 for each sample event at concentrations ranging from 2.8 μ g/l (January 2000) to 220 μ g/l (October 2000). FHC concentrations in groundwater from MW-3 fluctuate between monitoring events. Between the November 2005 and May 2006 monitoring

events, concentrations of TPHd, benzene, toluene, ethylbenzene and 1,2-DCA increased; all other analytes decreased or remained ND.

In MW-4, concentrations of TPHg have ranged from 10,000 µg/l (January 2000) to 38,000 µg/l (April 2004) and TPHd concentrations have ranged from 750 µg/l (January 2000) to 7100 µg/l (April 2004). Benzene concentrations have ranged from 1600 µg/l (January 2000 and October 2004) to 4300 µg/l (April 2005) and MTBE concentrations have ranged from 38 µg/l (January 2001) to 620 µg/l (April 2004) in MW-4. TAME has occasionally been detected in MW-4 (up to 14 µg/l) and TBA has been detected in most sampling events (up to 360 µg/l). In May 2006, TAME was 14 µg/l and TBA was 86 µg/l in MW-4. EDB has not been detected for any sampling event, and 1,2-DCA has been detected for each sampling event at concentrations ranging from 20 µg/l (May 2002 and May 2006) to 210 µg/l (January and July 2000). Concentrations of all detected analytes but EDB and 1,2-DCA increased significantly between the November 2005 and May 2006 monitoring events.

In MW-5, concentrations of TPHg, TPHd and benzene have ranged from below their respective detection limits to $420\,\mu\text{g/l}$ (May 2002), $330\,\mu\text{g/l}$ (April 2004) and $6.6\,\mu\text{g/l}$ (June 2003), respectively (Table 2). MTBE has been detected in each event at concentrations ranging from 1.4 $\mu\text{g/l}$ (May 2006) to 110 $\mu\text{g/l}$ (September 2003). TBA has been detected in MW-5 in all but two events at a maximum concentration of 57 $\mu\text{g/l}$ (September 2002), and the lead scavenger 1,2-DCA has been detected in all but one event at a maximum concentration of 46 $\mu\text{g/l}$ (September 2003).

In MW-6, no analytes have been detected above their respective reporting limits except for two minor detections of benzene (October 2004 and November 2005) and a one-time minor detection of toluene, ethylbenzene and xylenes (October 2004).

In MW-7, TPHg, TPHd, benzene, ethylbenzene, TAME and EDB have never been detected. MTBE has been detected in each sample collected from MW-7 at concentrations ranging from $0.62~\mu g/l$ (September 2003) to $6.6~\mu g/l$ (October 2004). Toluene, xylenes and TBA were detected once in October 2004. 1,2-DCA has been detected twice, in June 2003 and April 2004.

In MW-8, MTBE has been detected for each but one event (April 2005) at concentrations ranging from 1.2 μ g/l (April 2004) to 3.3 μ g/l (June 2003). TBA has been detected three times at concentrations ranging from 6.0 μ g/l (October 2004) to 8.4 μ g/l (November 2005).

In MW-9, only MTBE has been detected. Concentrations of MTBE, ranging from 0.64 μ g/l (May 2006) to 1.2 μ g/l (September 2003), have been detected in all but the October 2004 sampling events.

In MW-10, all analytes have been below their respective reporting limits for all events except for April and November 2005. For the April 2005 event, TPHd was detected for at 200 μ g/l. In November 2005, TPHd returned to ND; however, BTEX, at low concentrations, was detected for the first time. All analytes in MW-10 returned to below their respective detection limits for the May 2006 event.

Conclusions

The groundwater-flow direction has been consistently to the southwest. The plume of FHC-impacted groundwater is constrained for all FHCs by ND values, except for MTBE (Figure 4), which is the most widely distributed contaminant in groundwater beneath the site. However, the extent of the MTBE groundwater plume is close to down-gradient wells MW-7, MW-8 and MW-9, which were $2.0~\mu g/l$, $2.7~\mu g/l$ and $0.64~\mu g/l$, respectively, for the May 2006 sampling event. The North Coast Regional Water Quality Control Board's (NCRWQCB's) Water Quality Objective (WQO) for MTBE is $5.0~\mu g/l$.

The greatest FHC concentrations continue to be detected in MW-3 and MW-4; elevated FHC concentrations have also been detected in MW-5. Concentrations of FHCs, including oxygenates and lead scavengers, fluctuate in groundwater from MW-3, MW-4 and MW-5. Concentrations in these wells appear to be higher when the water table is high. Low to minor FHC concentrations have been detected in MW-1, MW-2, and MW-6 through MW-10.

A significant portion of the TPHd results detected in groundwater samples collected from the site monitoring wells are representative of gasoline-range hydrocarbons as indicated by the analytical laboratory.

Recommendations

The current groundwater sampling program should be continued until the ozone microsparging system is installed and running, at which time the monitoring program will be revised. Complete details of the sampling program that will be implemented after the installation and startup of the ozone system are included in EC&A's October 4, 2005 Remedial Action Plan and November 16, 2005 Remedial Action Plan Addendum.

Schedule

The next semi-annual sampling event is scheduled for November 2006. Water levels will be measured in all of the monitoring wells and groundwater samples will be collected from MW-3 through MW-10. Groundwater samples will be analyzed for TPHg, TPHd and BTEX by Analytical Methods SW8015Cm/8015C/8021B, and for MTBE, other gasoline oxygenates and lead scavengers EDB and 1,2-DCA by Analytical Method SW8260B.

EC&A's October 4, 2005 Remedial Action Plan (RAP) and November 16, 2005 RAP Addendum for ozone microsparging were approved by the CSDHS in their November 30, 2005 letter.

Limitations

The conclusions presented in this report are professional opinions based on the information presented herein, which includes data generated by others. Whereas EC&A does not guarantee the accuracy of data supplied by third parties, we reserve the right to use this data in formulating our professional opinions. This report is intended only for the indicated purpose and project site. Conclusions and recommendations presented herein apply to site conditions existing at the time of our study. Changes in the conditions of the site property can occur with time because of natural

processes or the works of man on the site or adjacent properties. In addition, changes in applicable standards can also occur as the result of legislation or from the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control.

Thank you for allowing EC&A the opportunity to provide environmental services for you. Please call John Calomiris, project manager, if you have any questions.

Sincerely,

Etta Jon VandenBosch **Environmental Scientist** Richard Ely, PG #4137 Senior Geologist

Richard W. Ely No. 4137

Attachments: Figure 1 - Site Location Map

Figure 2 - Site Plan

on VandenBosch

Figure 3 - Groundwater Elevation Map, 08 May 2006

Figure 4 - Isocontour Map of MTBE in Groundwater, 08 and 09 May 2006

Table 1 - Groundwater Elevation Data

Table 2 - Analytical Results - Groundwater Samples from Monitoring Wells: Fuel Hydrocarbons, Oxygenates and Lead Scavengers

Table 3 - Analytical Results - Groundwater Samples from Monitoring Wells: Inorganic Anions and Metals

Table 4 - Analytical Results - Groundwater Samples from Water-supply Wells

Table 5 - Monitoring Well Groundwater Results for Dissolved Oxygen, Oxidation Reduction Potential and Temperature

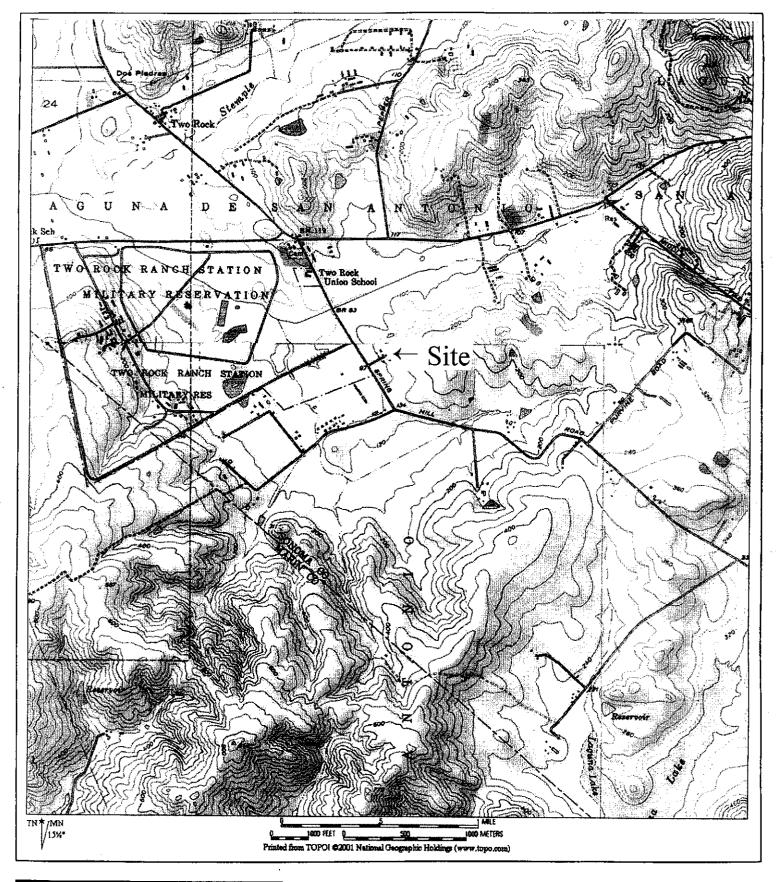
Appendix A - Groundwater Field Logs

Appendix B - Analytical Laboratory Report

Darcy M. Bering, County of Sonoma Department of Health Services

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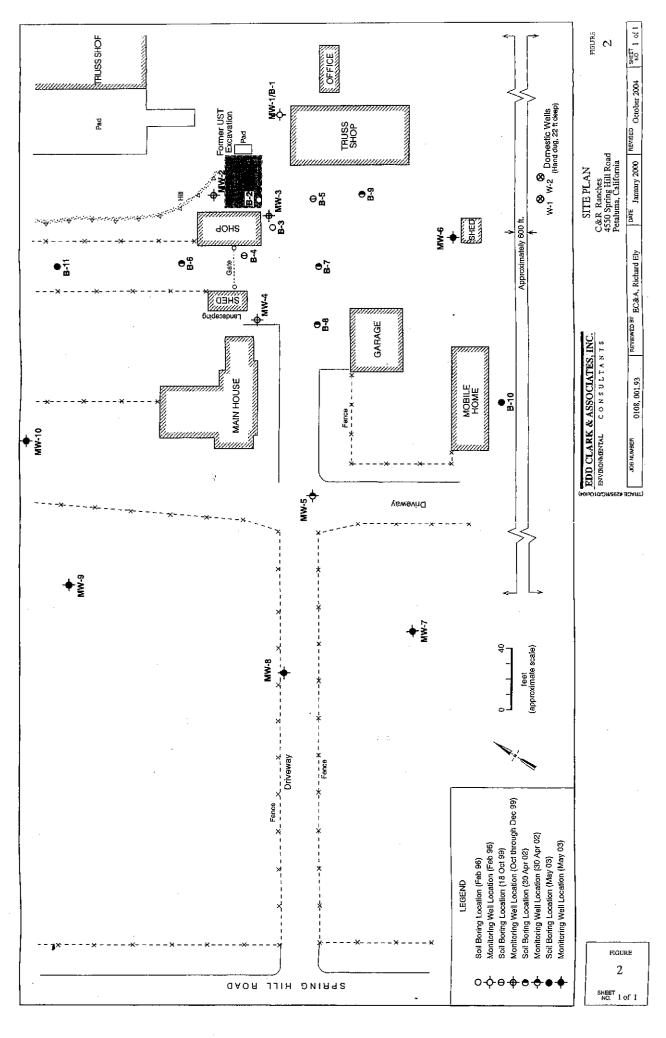


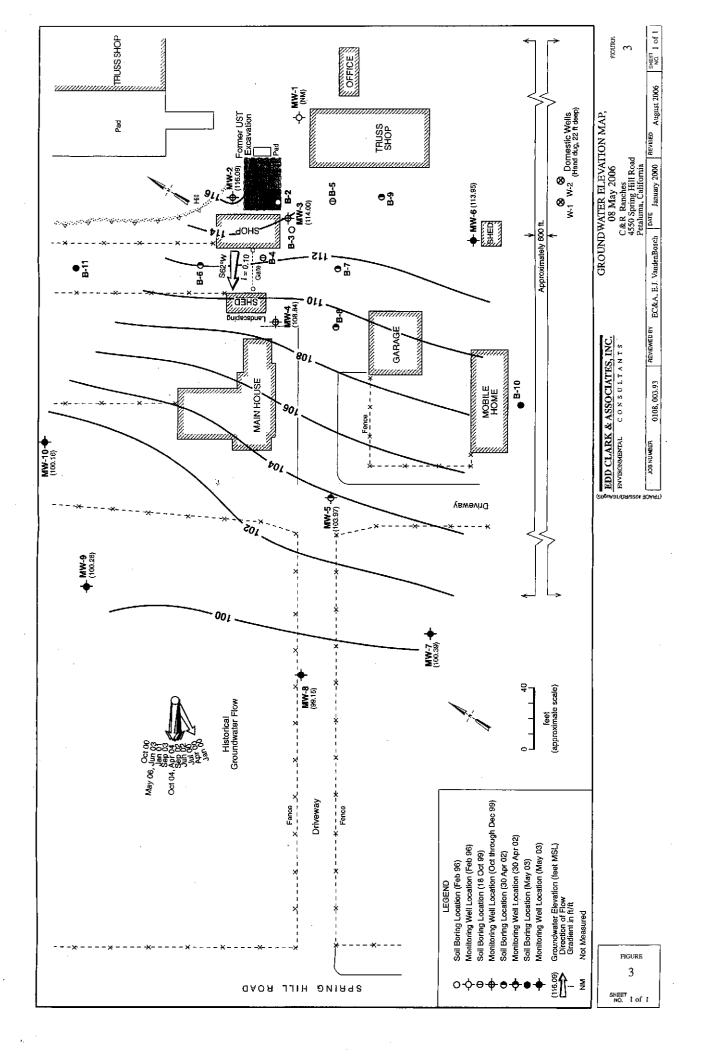
EDD CLARK & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

Site Location Map C & R Ranches 4550 Spring Hill Road Petaluma, California FIGURE 1

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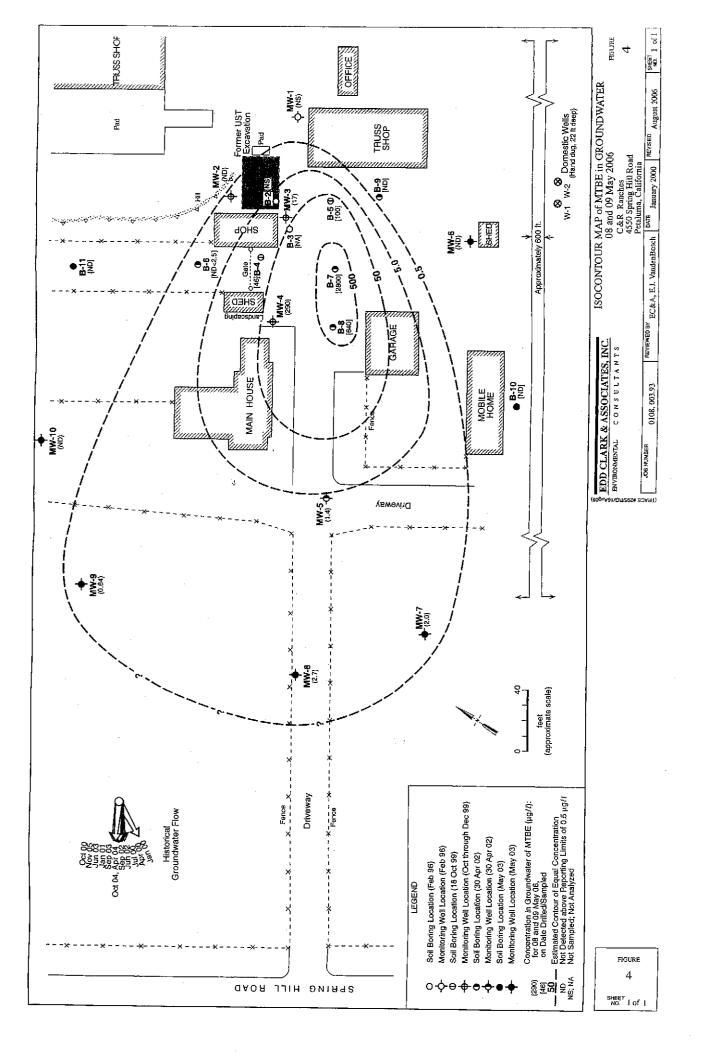


Table 1. Groundwater Elevation Data C&R Ranches, 4550 Spring Hill Road, Petaluma, California

Well ID	TOC Elevation feet msl	Date	Depth to Water feet	Groundwater Elevation feet msl
MW-1	120.00	01/21/00	5.21	114.79
MW-2	116.07		5.16	110.91
MW-3	115.13	•	6.95	108.18
MW-4	110.06		5.79	104.27
	Gra	dient: S 43° W, 0.0	08 ft/ft	
MW-1	120.00	04/05/00	5.30	114.70
MW-2	116.07		4.35	111.72
MW-3	115.13		4.95	110.81
MW-4	110.06		5.50	104.56
	Gra	dient: S 66° W, 0.1	0 ft/ft	
MW-1	120.00	07/12/00	6.65	113.35
MW-2	116.07		7.44	108.63
MW-3	115.13		7.71	107.42
MW-4	110.06		7.67	102.39
	Grac	lient: S 70° W, 0.0	97 ft/ft	
MW-1	120.00	10/20/00	8.11	111.89
MW-2	116.07		10.13	105.94
MW-3	115.13		10.11	105.02
MW-4	110.06		10.74	99.32
	Gra	dient: S 80° W, 0.1	0 ft/ft	
MW-1	120.00	01/22/01	6.81	113.19
MW-2	116.07		8.04	108.03
MW-3	115.13		8.22	106.91
MW-4	110.06		9.36	100.70
	Grad	dient: S 74° W, 0.0	93 ft/ft	

Table 1. Groundwater Elevation Data C&R Ranches, 4550 Spring Hill Road, Petaluma, California

Well ID	TOC Elevation feet msl	Date	Depth to Water feet	Groundwater Elevation feet msl
MW-1	123.85	05/09/02	6.72	117.13
MW-2	119.92		6.81	113.11
MW-3	118.98		7.07	111.91
MW-4	113.91		7.31	106.60
MW-5	108.04		6.39	101.65
	Grad	ient: S 70° W, 0.0°	75 ft/ft	
MW-1	123.85	09/23/02	9.88	113.97
MW-2	119.92		10.47	109.45
MW-3	118.98		10.45	108.53
MW-4	113.91		10.70	103.21
MW-5	108.04		11.91	96.13
	Grad	ient: S 77° W, 0.0	80 ft/ft	
MW-1	123.77	06/04/03	5.83	117.94
MW-2	119.92		5.43	114.49
MW-3	118.90		5.76	113.14
MW-4	113.91		6.20	107.71
MW-5	108.04		5.72	102.32
MW-6	119.27		6.47	112.8
MW-7	105.79		6.80	98.99
MW-8	102.99		5.68	97.31
MW-9	104.93		6.26	98.67
MW-10	104.36		5.91	98.45
	Grac	lient: S 61° W, 0.0	76 ft/ft	

Table 1. Groundwater Elevation Data C&R Ranches, 4550 Spring Hill Road, Petaluma, California

Well ID	TOC Elevation feet msl	Date	Depth to Water feet	Groundwater Elevation feet msl
MW-1	123.77	09/11/03	8.84	114.93
MW-2	119.92		9.38	110.54
MW-3	118.90		9.31	109.59
MW-4	113.91		10.03	103.88
MW-5	108.04		10.09	97.95
MW-6	119.27		10.83	108.44
MW-7	105.79		9.37	96.42
MW-8	102.99		8.97	. 94.02
MW-9	104.93		9.89	95.04
MW-10	104.36		9.51	94.85
	Grad	lient: S58° W, 0.08	36 ft/ft	
MW-1	123.77	04/29/04	6.56	117.21
MW-2	119.92		6.49	113.43
MW-3	118.90		6.78	112.12
MW-4	113.91		7.07	106.84
MW-5	108.04		6.15	101.89
MW-6	119.27		7.85	111.42
MW-7	105.79		7.05	98.74
MW-8	102.99		6.00	96.99
MW-9	104.93		6.57	98.36
MW-10	104.36		6.72	97.64
	Gra	dient: S58° W, 0.0°	78 ft/ft	

Table 1. Groundwater Elevation Data
C&R Ranches, 4550 Spring Hill Road, Petaluma, California

Well ID	TOC Elevation feet msl	Date	Depth to Water feet	Groundwater Elevation feet msl
MW-1	123.77	10/22/04	7.84	115.93
MW-2	119.92		11.79	108.13
MW-3	118.90		11.06	107.84
MW-4	113.91		11.22	102.69
MW-5	108.04		12.51	95.53
MW-6	119.27		12.94	106.33
MW-7	105.79		11.92	93.87
MW-8	102.99		11.05	91.94
MW-9	104.93		12.24	92.69
MW-10	104.36		12.94	91.42
	Gra	adient: S58° W, 0.12	2 ft/ft	
MW-1	123.77	04/06/05		
MW-2	119.92		2.37	117.55
MW-3	118.90		3.76	115.14
MW-4	113.91		3.37	110.54
MW-5	108.04		2.95	105.09
MW-6	119.27		4.30	114.97
MW-7	105.79		3.75	102.04
MW-8	102.99		1.80	101.19
MW-9	104.93		2.86	102.07
MW-10	104.36] .	2.03	102.33
	Gr	adient: S58°W, 0.12	2 ft/ft	

Table 1. Groundwater Elevation Data
C&R Ranches, 4550 Spring Hill Road, Petaluma, California

Well ID	TOC Elevation feet msl	Date	Depth to Water feet	Groundwater Elevation feet msl
MW-1	123.77	11/22/05	7.86	115.91
MW-2	119.92		10.26	109.66
MW-3	118.90		10.46	108.44
MW-4	113.91		11.22	102.69
MW-5	108.04		10.83	97.21
MW-6	119.27		10.79	108.48
MW-7	105.79		9.96	95.83
MW-8	102.99		9.36	93.63
MW-9	104.93		10.56	94.37
MW-10	104.36		11.53	92.83
	Gra	dient: S65°W, 0.09	96 ft/ft	
MW-2	119.92	05/08/06	3.83	116.09
MW-3	118.90		4.90	114.00
MW-4	113.91		5.07	108.84
MW-5	108.04		4.07	103.97
MW-6	119.27		5.32	113.95
MW-7	105.79		5.40	100.39
MW-8	102.99		3.84	99.15
MW-9	104.93		4.67	100.26
MW-10	104.36		4.20	100.16
	Gra	dient: S62°W, 0.1	0 ft/ft	

TOC:

Top of casing

feet msl:

Measured in feet relative to mean sea level

The TOC elevations for monitoring wells MW-1 through MW-4 were re-surveyed and MW-5 surveyed on June 19, 2002. An adjustment of 3.85 ft was made to the existing TOC elevations that were previously based on the proximity of the 120.0 ft contour as shown on the USGS Point Reyes quadrangle dated 1954. The vertical datum used for the June 2002 survey is a benchmark located on U.S. Coast Guard Training Center land. In June 2003, the TOC elevations for MW-1, MW-3 and MW-5 were resurveyed and MW-6 through MW-10 were surveyed.

Page 1 of 5 Analytical Results - Groundwater Samples from Monitoring Wells: Fuel Hydrocarbons, Oxygenates and Lead Scavengers C&R Ranches, 4550 Spring Hill Road, Petaluma, California Table 2.

Well ID	Sample Date	TPHg µg/l	TPHd µg/l	Benzene µg/l	Toluene µg/I	Ethyl- benzene µg/l	Xylenes µg/l	MTBE µg/l	TAME µg/l	TBA μg/l	EDB µg/l	1,2-DCA μg/l
MW-1 *	02/15/96	ND	ND	ND	QN	ND	ND	NA	NA	NA	NA	NA
	01/21/00	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND	QN	ŊŊ	ND
	04/02/00	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0 *	NA	NA	NA	NA
	04/12/00	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0 *	NA	NA	NA	NA
	10/20/00	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0 *	NA	NA	NA	NA
	01/22/01	210 a	ND<50	1.1	ND<0.5	11	. 37	ND<5.0 *	NA	NA	NA	NA
	05/09/02	ND<50	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	09/23/02	ND<50	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	06/04/03	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5
MW-2	01/21/00	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND	ND	ND	QN
	04/05/00	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0 *	NA	NA	NA	NA
	07/12/00	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0 *	NA	NA	NA	NA
	10/20/00	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0 *	NA	NA	NA	NA
	01/22/01	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0 *	NA	NA	NA	NA
	05/09/02	ND<50	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	09/23/02	ND<50	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.6	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	06/04/03	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	09:0	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	04/29/04	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.91	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	04/07/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	90/80/50	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5

Page 2 of 5 Analytical Results - Groundwater Samples from Monitoring Wells: Fuel Hydrocarbons, Oxygenates and Lead Scavengers C&R Ranches, 4550 Spring Hill Road, Petaluma, California Table 2.

2300* ND-50 130 220 360 41 19,000* 1000* 3600 1400 580 1900 190 16,000* 1200* 3600 1100 580 1900 190 16,000* 1200* 3600 1100 590 140 140 12,000* 970 d 2300 540 480 690 230 1400* 790 420 510 100 100 100 1300* NA 120 70 420 510 65 6700* 740* 1300 550 340 410 67 1500* 720 690 200 260 190 72 27 3100* 350* 140 54 170 18 170 18 3100* 350* 160 160 160 170 110 17 10,000* 350* 160 160 170 14	Well ID	Sample Date	TPHg μg/l	TPHd μg/l	Benzene µg/l	Toluene µg/l	Ethyl- benzene µg/l	Xylenes µg/l	MTBE µg/l	TAME µg/l	TBA µg/l	EDB µg/l	1,2-DCA µg/l
04/05/00 19,000* 1000* 3600 1400 580 1900 190 07/12/00 16,000* 1200* 3600 1100 590 1100 140 10/20/00 15,000* 970* 2300 1100 590 230 01/22/01 1400* 280* 210 26 70 50 21 05/09/02 7900* NA 1400 790 420 510 100 05/09/02 7900* NA 1400 790 420 510 100 06/05/03 6700* NA 120 70 180 42 65 06/05/04 1300* 730 140 730 100 72 06/05/04 15,000* 1200* 190 140 54 170 130 06/05/04 16,000* 1200* 350 350 350 170 130 11/22/05 3700* 16,000* 170 140	MW-3	01/21/00	2300 4	ND<50	130	220	36	290	41	ND	ND	21	2.8
07/12/00 15,000* 1200* 3600 1100 590 1100 140 10/20/00 12,000* 970* 230 540 480 690 230 01/22/01 1400* 280* 210 26 70 50 21 05/09/02 7900* NA 1400 790 420 510 100 09/23/02 1300* NA 120 7.0 180 42 65 09/23/02 1300* NA 120 7.0 180 42 65 09/13/02 6700* NA 120 7.0 180 42 65 09/12/04 15,000* 740* 1300 530 340 410 67 09/12/04 15,000* 1200* 350 540 140 54 170 130 11/12/20/3 3100* 350* 450 140 54 170 23 01/21/00 3100* 350* <th></th> <th>04/02/00</th> <th>19,000 4</th> <th>1000 d</th> <th>3600</th> <th>1400</th> <th>580</th> <th>1900</th> <th>190</th> <th>ND</th> <th>ND</th> <th>36</th> <th>150</th>		04/02/00	19,000 4	1000 d	3600	1400	580	1900	190	ND	ND	36	150
10,20,00 12,000* 970* 2300 540 480 690 230 01/22/01 1400* 280* 210 26 70 50 21 05/09/02 7900* NA 1400 790 420 510 100 09/23/02 1300* NA 120 7.0 180 42 65 06/05/03 6700* 740* 1300 550 340 410 67 06/05/03 6700* 740* 130 550 340 410 67 09/11/03 3700* 1200* 3700 1400 730 100 130 10/22/04 310* 200* 19 9.2 5.6 7.2 27 04/07/05 2300* 350* 450 140 54 170 18 05/09/06 3100* 350* 450 160 420 20 20 01/21/00 34,000* 170* 3400		07/12/00	16,000 4	1200 ط	3600	1100	590	1100	140	ON	ND	46	180
01/22/01 1400 * 280 d 210 26 70 50 21 05/09/02 7900 * NA 1400 790 420 510 100 05/09/02 7900 * NA 120 70 180 42 65 06/05/03 6700 * 740 d 1300 550 340 410 67 06/05/03 6700 * 740 d 1300 550 340 410 67 09/11/03 3700 * 630 d 690 200 260 190 72 04/29/04 16,000 * 1200 d* 540 170 130 130 130 10/20/04 310 a* 200 d* 540 170 140 16 18 11/22/05 370 a* 450 140 54 140 18 04/07/05 2300 a* 350 a* 160 1500 1500 4200 1500 04/05/00 10/20/0 1500 a* 1100 a		10/20/00	12,000 4	_p 026	2300	540	480	069	230	ND	QN	26	220
65/09/02 7900 * NA 1400 790 420 510 100 09/23/02 1300 * NA 120 7.0 180 42 65 09/23/02 1300 * 740 * 1300 550 340 410 67 09/11/03 3700 * 630 d 690 200 260 190 72 04/22/04 16,000 * 1200 d* 3700 1400 730 1000 130 10/22/04 310 * 200 d* 540 170 110 160 18 04/07/05 2300 * 200 d* 540 170 160 18 04/07/05 2300 * 350 d* 450 140 54 17 05/09/06 3100 * 350 d* 450 160 160 4200 20 01/21/00 19,000 * 1700 d* 3400 590 1000 4200 20 01/22/01 19,000 * 1100 d* 3400		01/22/01	1400 a	280 ^d	210	26	70	50	21	QN	QN	1.2	28
09/23/02 1300 a NA 120 7.0 180 42 65 06/05/03 6700 a 740 d 1300 550 340 410 67 09/11/03 3700 a 630 d 690 200 260 190 72 04/22/04 16,000 a 1200 d b 3700 d 19 9.2 5.6 7.2 27 04/07/05 2300 a 290 d d 450 170 110 160 18 04/07/05 2300 a 350 d d 450 140 54 170 23 05/09/06 3100 a 370 d d 450 160 4200 23 04/05/00 10,000 a 1700 d d 3400 590 1000 4200 200 07/12/00 19,000 a 1100 d d 3400 2300 3200 3500 64 01/22/01 26,000 a 3600 d d 2000 220 1100 4000 41 05/09/02 1		05/09/02	7900 %	NA.	1400	062	420	510	100	ND	ND<50	34	140
06/05/03 6700* 740* 1300 550 340 410 67 09/11/03 3700* 630* 690 200 260 190 72 04/29/04 16,000* 1200* 3700 1400 730 1000 130 10/22/04 16,000* 1200* 370 19 9.2 5.6 7.2 27 04/07/05 2300* 290* 450 170 110 160 18 01/21/05 3100* 350* 450 160 160 87 140 18 01/21/00 10,000* 750* 1600 160 3400 590 1000 4200 200 07/12/00 29,000* 1900* 3400 350 1200 4400 100 01/22/01 26,000* 3600* 3600 220 1100 3900 38 05/09/02 NA 3700 430 1100 400 41		09/23/02	1300 ª	NA	120	7.0	180	42	92	ND<0.5	ND<10	3.7	80
09/11/03 3700 a 630 d 690 200 260 190 72 04/29/04 16,000 a 1200 db 3700 1400 730 1000 130 10/22/04 310 a 220 d 19 9.2 5.6 7.2 27 04/07/05 2300 a 290 d 190 170 110 160 18 11/22/05 3700 a 350 d 450 140 54 170 23 05/09/06 3100 a 350 d 450 160 87 140 18 01/21/00 10,000 a 750 db 1600 190 4200 200 07/12/00 29,000 a 1900 d 3400 95 930 3200 64 01/22/01 26,000 a 3600 db 2000 220 1100 4000 41 05/09/02 17,000 a NA 3700 430 1100 410		06/05/03	6700 a	740 ^d	1300	550	340	410	29	ND<5.0	ND<50	21	110
04/29/04 15,000* 1200 db 3700 1400 730 1000 130 10/22/04 310* 200 d 19 9.2 5.6 7.2 27 04/07/05 2300* 290 d 540 170 110 160 18 11/22/05 3700* 350 d 450 140 54 170 23 05/09/06 3100* 370 d 600 160 87 140 18 01/21/00 10,000* 750 db 1600 110 330 1500 48 07/12/00 29,000* 1700 d 3400 190 1000 4200 200 10/20/00 19,000* 1100 d 3400 95 930 64 01/22/01 26,000* NA 3700 430 1100 410 05/09/02 17,000* NA 3700 430 1100 400 41		09/11/03	3700 ª	₆ 30 ⁴	069	200	260	190	72	ND<5.0	ND<50	8.3	81
$10/22/04$ 310^a 200^d 19 9.2 5.6 7.2 27 $04/07/05$ 2300^a 290^d 540 170 110 160 18 $11/22/05$ 3700^a 350^d 450 140 54 170 23 $05/09/06$ 3100^a 370^d 600 160 87 140 17 $01/21/00$ $19,000^a$ 750^{db} 1600 110 3400		04/29/04	16,000 4	1200 ^{4,b}	3700	1400	730	1000	130	ND<10	ND<100	16	63
04/07/05 2300 a 290 d 540 170 110 160 18 11/22/05 3700 a 350 d 450 140 54 170 23 05/09/06 3100 a 350 d 450 160 160 87 140 17 01/21/00 10,000 a 750 d b 1600 110 330 1500 48 04/05/00 34,000 a 1700 d 3400 190 4200 200 07/12/00 29,000 a 1100 d 3400 190 4400 100 10/20/00 19,000 a 1100 d 3600 350 930 3200 64 01/22/01 26,000 a 3600 d b 2000 220 1100 4000 41 05/09/02 17,000 a NA 3700 430 1100 4000 41		10/22/04	310 a	200 d	19	9.2	5.6	7.2	27	ND<0.5	ND<5.0	ND<0.5	5.5
05/09/06 3100 a 350 d b 450 140 54 170 23 05/09/06 3100 a 370 d b 1600 160 87 140 17 01/21/00 10,000 a 750 d b 1600 110 330 1500 48 04/05/00 34,000 a 1700 d 3400 590 1000 4200 200 07/12/00 29,000 a 1900 d 3400 190 1400 100 10/22/01 26,000 a 3600 d b 2000 220 1100 3900 38 05/09/02 27,000 a NA 3700 430 1100 4000 41		04/07/05	. 2300 ª	_ģ 067	540	170	110	160	18	ND<0.5	50	4.6	21
05/09/06 3100 a 370 d b 600 160 87 140 17 01/21/00 10,000 a 750 d b 1600 110 330 1500 48 04/05/00 34,000 a 1700 d 3400 590 1000 4200 200 07/12/00 29,000 a 1900 d 3400 95 930 4400 100 01/22/01 26,000 a 3600 d b 2000 220 1100 3900 38 05/09/02 27,000 a NA 3700 430 1100 4000 41		11/22/05	3700 4	350 d	450	140	54	170	23	ND<0.5	13	ND<0.5	11
01/21/00 10,000 a 750 db 1600 110 330 1500 48 04/05/00 34,000 a 1700 d 3400 590 1000 4200 200 07/12/00 29,000 a 1900 d 3400 190 1200 4400 100 10/20/00 19,000 a 1100 d 1700 95 930 3200 64 01/22/01 26,000 a 3600 db 2000 220 1100 3900 38 05/09/02 27,000 a NA 3700 430 1100 4000 41		90/60/50	3100 a	370 d	009	160	87	140	17	ND<5.0	ND<50	ND<5.0	14
34,000 a 1700 d 3400 590 1000 4200 200 29,000 a 1900 d 3400 190 1200 4400 100 19,000 a 1100 d 1700 95 930 3200 64 26,000 a 3600 db 2000 220 1100 3900 38 27,000 a NA 3700 430 1100 4000 41	MW-4	01/21/00	10,000 *	750 d,b	1600	110	330	1500	48	ND	ND	QN	210
29,000 a 1900 d 3400 190 1200 4400 100 19,000 a 1100 d 1700 95 930 3200 64 26,000 a 3600 db 2000 220 1100 3900 38 27,000 a NA 3700 430 1100 4000 41		04/05/00	34,000 ª	1700 ^d	3400	290	1000	4200	200	ND	QN ON	ND	170
19,000 a 1100 d 1700 95 930 3200 64 26,000 a 3600 db 2000 220 1100 3900 38 27,000 a NA 3700 430 1100 4000 41		02/17/00	29,000 ª	p 0061	3400	190	1200	4400	100	ND	260	ND	210
26,000 a 3600 db 2000 220 1100 3900 38 27,000 a NA 3700 430 1100 4000 41		10/20/00	19,000 ª	1100 ^d	1700	95	930	3200	64	ND .	190	ND	180
27,000 a NA 3700 430 1100 4000 41		01/22/01	26,000 ª	3600 ^{d.b}	2000	220	1100	3900	38	QN	ND	ND	061
		05/09/02	27,000 ª	NA	3700	430	1100	4000	41	1.1	27	ND<0.5	20
14,000 45 NA 2300 95 770 2400 60		09/23/02	14,000 a.h	NA	2300	95	770	2400	60	ND<0.5	160	ND<5.0	130

Page 3 of 5 Analytical Results - Groundwater Samples from Monitoring Wells: Fuel Hydrocarbons, Oxygenates and Lead Scavengers C&R Ranches, 4550 Spring Hill Road, Petaluma, California Table 2.

Well ID	Sample Date	TPHg µg/l	LPHdT l/gu	Benzene µg/l	Toluene µg/l	Ethyl- benzene μg/l	Xylenes µg/l	MTBE µg/l	TAME µg/l	TBA μg/l	EDB μg/l	1,2-DCA µg/l
MW-4	06/04/03	31,000 ª	₽ 006€	3600	470	1300	4500	440	11	140	ND<5.0	200
cont.	09/11/03	26,000 ª	2600 ^d	2900	160	1400	4200	97	ND<5.0	110	ND<5.0	160
	04/29/04	38,000 ª	7100 ^{d,b}	2900	280	2300	7300	620	12	130	ND<10	73
	10/22/04	16,000 ª	1900 ч	1600	53	740	2000	62	ND<5.0	80	ND<5.0	110
	04/07/05	27,000 ª	2900 ^d	4300	160	1400	3600	170	5.3	360	ND<5.0	44
	11/22/05	12,000 ª	_p 098	3100	64	640	1300	71	ND<10	ND<100	ND<10	85
	90/60/50	33,000 *	3500 d	3400	210	1400	4200	290	14	86	ND<5.0	20
MW-5	05/09/02	420 ª	NA	5.1	ND<0.5	5.3	22	98	ND	27	ND<1.7	35
	09/23/02	61 a,h	NA	1.0	ND<0.5	ND<0.5	ND<0.5	62	ND<0.5	57	ND<2.5	19
	06/05/03	170 а	110 ч	9.9	ND<0.5	5.4	5.8	6.7	ND<0.5	ND<5.0	ND<0.5	99.0
	09/11/03	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	110	ND<2.5	37	ND<2.5	46
	04/29/04	320 a	330 ^d	6.2	1.0	2.6	7.3	32	ND<0.5	5.3	ND<0.5	5.1
	10/22/04	ND<50	ND<50	ND<0.5	0.67	ND<0.5	1.1	29	ND<0.5	29	ND<0.5	11
	04/07/05	84 ª	_P 88	1.2	ND<0.5	0.89	ND<0.5	30	ND<0.5	9.6	ND<0.5	7.7
	11/22/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	30	ND<0.5	35	ND<0.5	13
	90/80/50	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4	ND<0.5	ND<5.0	ND<0.5	ND<0.5
9-WM	06/04/03	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	09/11/03	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	04/29/04	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	10/22/04	ND<50	ND<50	0.74	4.7	1.3	5.1	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	04/07/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5

Page 4 of 5 Analytical Results - Groundwater Samples from Monitoring Wells: Fuel Hydrocarbons, Oxygenates and Lead Scavengers C&R Ranches, 4550 Spring Hill Road, Petaluma, California Table 2.

EDB 1,2-DCA μg/l μg/l	ND<0.5 ND<0.5	ND<0.5 ND<0.5	ND<0.5 1.3	ND<0.5 ND<0.5	ND<0.5 0.90	ND<0.5 ND<0.5															
TBA µg/l	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	17	ND<5.0	ND<5.0	ND<5.0	ND<5.0	7.0	ND<5.0	0.9	ND<5.0	8.4	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	
TAME µg/l	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
MTBE µg/l	ND<0.5	ND<0.5	2.0	0.62	1.2	9.9	0.91	0.97	2.0	3.3	2.8	1.2	2.9	ND<0.5	3.2	2.7	89.0	1.2	0.93	ND<0.5	
Xylenes μg/l	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	69:0	ND<0.5														
Ethyl- benzene µg/l	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
Toluene μg/l	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	09'0	5:0>QN	.0>dN	ND<0.5												
Benzene μg/l	1.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
TPHd l/g _l /l	ND<50	ND<50	ND<50	ND<50	05>QN	ND<50															
TPHg µg/I	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	
Sample Date	11/22/05	90/80/20	06/05/03	09/11/03	04/29/04	10/22/04	04/07/05	11/22/05	90/80/50	06/04/03	09/11/03	04/29/04	10/22/04	04/07/05	11/22/05	90/80/20	06/05/03	09/11/03	04/29/04	10/22/04	
Well ID	9-MM	cont.	MW-7							MW-8							6-WW				

Page 5 of 5 Analytical Results - Groundwater Samples from Monitoring Wells: Fuel Hydrocarbons, Oxygenates and Lead Scavengers C&R Ranches, 4550 Spring Hill Road, Petaluma, California Table 2.

Well ID	Comple	ТРИ	ТРНА	Renzene	Toluene	Ethvl-	Xvlenes	MTBE	TAME	TBA	EDB	1,2-DCA
A SILLING	Sample Date	l/gu	l/gn	l/gn	µg/l	benzene µg/l	µg/l	µg/l	µg/l	µg/1	hg/l	µg/l
6-MM	11/22/05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.65	ND<0.5	ND<5.0	ND<0.5	ND<0.5
cont.	90/80/20	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.64	ND<0.5	ND<5.0	ND<0.5	ND<0.5
MW-10	80/50/90	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	09/11/03	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	04/29/04	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	10/22/04	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	04/07/05	ND<50	200 s,b	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5
	11/22/05	ND<50	ND<50	6.2	3.6	1.6	4.6	ND<0.5	ND<0.5	ND<5.0	ND<0.5	.ND<0.5
	90/80/50	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	ND<0.5

Fotal petroleum hydrocarbons as gasoline TPHg: TPHd:

Fotal petroleum hydrocarbons as diesel

Methyl tert-butyl ether analyzed by EPA Method 8260B unless otherwise noted MTBE:

,2-Dibromoethane (ethylene dibromide) EDB:

,2-Dichloroethane ,2-DCA:

'ert-butanol (tert-butyl alcohol)

TBA:

Micrograms per liter Not analyzed μg/l: NA:

Not detected above the reporting limit Ë

Unmodified or weakly modified gasoline is significant

Diesel range compounds are significant; no recognizable pattern

Gasoline range compounds are significant

Oil range compounds are significant

Lighter than water immiscible sheen is present

Samples analyzed for MTBE by Analytical Method SW8020

Sampling of MW-1 has been discontinued. MW-2 is usually sampled during seasonally high groundwater levels.

Table 3. Analytical Results - Groundwater Samples from Monitoring Wells: Inorganic Anions and Metals C&R Ranches, 4550 Spring Hill Road, Petaluma, California

Sample ID	Date	Bromide mg/l	Bromate mg/l	Hexachrome μg/l	Molybdenum μg/l	Selenium μg/l	Vanadium μg/l
MW-2	11/22/05	ND<0.1	ND<0.005	0.43	ND<0.5	ND<0.5	ND<0.5
	05/08/06	ND<0.1	ND<0.005	0.92	4.0	0.59	ND<0.5
MW-3	11/22/05	0.25	ND<0.005	ND<0.2	5.1	ND<0.5	1.9
	05/09/06	0.28	ND<0.005	ND<0.2	1.2	ND<0.5	0.52
MW-4	11/22/05	0.52	ND<0.005	ND<0.2	4.7	ND<0.5	ND<0.5
	05/09/06	0.45	ND<0.005	ND<0.2	2.0	ND<0.5	ND<0.5
MW-5	11/22/05	0.35	ND<0.005	ND<0.2	0.72	ND<0.5	ND<0.5
	05/08/06	0.37	ND<0.005	ND<0.2	ND<0.5	ND<0.5	0.57

mg/l:

Milligram per liter

μg/l:

Micrograms per liter

ND:

Not detected above the reporting limit

4

0108\table 3

Table 4. Analytical Results - Groundwater Samples from Water-supply Wells C&R Ranches, 4550 Spring Hill Road, Petaluma, California

Well ID	Sample Date	TPHg μg/l	TPHd µg/l	MTBE μg/l	Benzene μg/l	Toluene μg/l	Ethyl- benzene µg/l	Xylenes μg/l
W1	12/10/99 1	ND<50	ND<50	ND<1	ND<1	ND<1	ND<1	ND<1
	06/04/03 2	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
W2	12/10/99 ¹	ND<50	ND<50	ND<1	ND<1	ND<1	ND<1	ND<1
	06/04/03 2	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5

TPHg:

Total petroleum hydrocarbons as gasoline

TPHd:

Total petroleum hydrocarbons as diesel

MTBE:

Methyl tert-butyl ether; analyzed by EPA Method 8020 unless noted otherwise

 $\mu g/l$:

Micrograms per liter

ND:

Not detected above the reporting limit

1:

Samples also analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX), MTBE and other gasoline oxygenates and lead scavengers 1,2-dibromoethane (EDB) and 1,2-dichloroethane (1,2-DCA) by Analytical

Method SW8260B; results were all ND.

2:

Samples also analyzed for MTBE and other gasoline oxygenates and lead scavengers EDB and 1,2-DCA by

Analytical Method SW8260B; results were all ND.

0108\QMR table 4

Table 5. Monitoring Well Groundwater Results for Dissolved Oxygen, Oxidation Reduction Potential, Temperature and pH 4550 Spring Hill Road, Petaluma, California

Well ID	Date	Depth to Water (feet)	Dissolved Oxygen (mg/l)	Oxygen Reduction Potential (mV)	Temperature (°F)	рН
MW-1	11/22/05 1	7.86				
MW-2	11/22/05 1	10.26			63.1	6.59
	05/08/06 1	3.83	1.17	161	61.3	6.45
MW-3	11/22/05 1	10.46	0.19	-27	66.4	6.92
	05/09/06 1	4.90	0.76	-73	63.6	6.75
MW-4	11/22/05 1	11.22	0.30	-33	62.9	6.58
	05/09/06 1	5.07	0.71	-72	61.6	6.78
MW-5	11/22/05 1	10.83	0.23	60	62.9	6.80
	05/08/06 ¹	4.07	0.39	-14	60.2	7.42
MW-6	11/22/05 1	10.79	1.01	48	66.2	6.37
	05/08/06 1	5.32	0.53	140	61.3	6.45
MW-7	11/22/05 1	9.96	0.77	80	65.5	6.71
	05/08/06 1	5.40	3.73	119	61.0	7.12
MW-8	11/22/05 1	9.36	0.92	119	64.3	6.96
	05/08/06 1	3.84	0.65	88	60.8	6.48
MW-9	11/22/05 1	10.56	0.30	9	64.1	6.98
	05/08/06 1	4.67	0.38	50	61.0	7.20
MW-10	11/22/05 1	11.53	0.91	5	62.2	6.84
	05/08/06 1	4.20	4.98	-65	59.1	7.03

mg/l: Milligrams per liter

mV: Millivolts

°F: Degrees Fahrenheit

1: Baseline measurements collected prior to system startup

---: Not measured

Unless noted otherwise, groundwater parameters were measured without purging.

Appendix A

Groundwater Field Logs

DAILY FIELD RECORD		Page 1 of <u>↓0</u>
Project and Task Number: 0108	Date: 5/8/06	
Project Name: C + R Ranches	Field Activity: Quarterly	Ground Water Monitoring
Location:	Weather:	
Time of OVM Calibration:	Windy Rain	Sunny Rain/sun
PER	SONNEL	
Name	Còmpany	Time In Time Out
Rodney Edd	d Clark & Associates, Inc.	. 8 5
	A THE STREET OF	
DRUMID DESCRIPTION OF CONTENTS AND	QUANTITY	LOCATION
3 hster		
1. 1. 1820 - 1. 1820 - 184 - 1	ION OF WORK PERFORMED	
	16,7,9,8,10,5	13,4
Load		- 2 2 22
Depart		- 2 3,83 - 1 5 33
Arrive on site, turn of ozone panel (if site has one		
open all wells	Mr	J-9 4,67
Setup decon Take DTW's	Mh	0 20//
Calculate GWF logs	<u> </u>	10 4,20
Begin purging wells in order		VS 4.07
Allow time for recharge		-3 4.98
Start sampling wells	M	//
Close & lock all wells		
Turn on Ozone panel (if site has one)		
Clean up site		
Depart		
Paper work at office		

GROUNDWA	TER SUI	RFACE WATER	□ DOMESTIC	WATER	☐ IRRIGATION WATER	R □ WELL DE	VELOPMENT		
	0108			Field poin	t name: MW-2				
Global ID:	060 971	14339		Well deptl	n from TOC: 25				
Project location:			HILL PC	Well diam	eter: 🔀 2" 🗆 4 " 🗆 6"	□ Other:			
Date:	5/8/0	-		Product le	vel from TOC:				
Time:				Water leve	el from TOC: 3,83				
Recorded by:	Rodney			Screened i	nterval:				
Purge time (durat				Well eleva	ation (TOC):				
	-,		WE	ATHER					
Wind:	0 -~	5	MPH	Precip, in	last 5 days: n 0				
		VOLUME OF	WATER TO BE	REMOVED	BEFORE SAMPLING				
jæ 2" well = 0.17	gal/ft 21,17	☐ 6" well = 1.47	gal/ft	Gallons in	1 well volume: 3,59				
☐ 4" well = 0.66	gal/ft	□ " well =	gal/ft	Total galle	ons removed: 10, 8	Well volumes remo	ved: <i>3</i>		
	1		CALI	BRATION					
Parameter	Time	Calibration	Before Sampling	<u> </u>	Time	After Sa	mpling		
EC:	EC:								
			FIELD ME.	ASUREMEN	TS				
Time pI	H EC	Temp ORP mV	D O mg/l	Case Volume gal.	A	Appearance			
6,4	17 546,4	63.4 160	2,31 1	13,6	Con	turbity			
6,0		61,2 158		17.2		no odor			
6,0		613 161		10,8		no she	en		
<u> </u>	7 9-11		/						
Notes:	·								
Water level after	Water level after purging below TOC: 80% of original water level below TOC: 125								
Water level before sampling below TOC: 3,88									
Appearance of sample:									
☐ Bailer:	Type:	GPM:	☐ Pump: ES-	Type: Sub		GPM: 1 - 2			
☐ Dedicated:	Type:	GPM:	- IC 7		uinox wash, double rinse		□ Nitrotos		
Sample analysis:	ТРНg	TPHd TPH	BTEX	,∆\7 oxygen	ates Lead scavengers	□ VOCs	☐ Nitrates		
EPA Method:	2	٠ ٨٨٠	100	010:30:	44/3:4000	HEXA CITARY	L		
	ROMATE, BE	7	/	<u>eleviu</u>	MOLTBOMM,	HCKIT CITION			
LABORATORY:	☑ McCampbel	Analytical	Other:		·				

GROUND	VATER	□ SURI	FACE WA	ΓER	☐ DOMEST	IC WATER	□IF	RRIGATION WATER	☐ WELL DE	ELOPMENT
Project No:	0109	<u>}</u>				Field poir	nt name	: Mw-3	· · · · · · · · · · · · · · · · · · ·	
Global ID:	TOOC					Well dept	h from	тос: 25		
Project location			Sper	JZ, 1	till 121	Well dian	neter:	§ 2" 🗆4" 🗆6"	☐ Other:	······
Date: 5	19	106				Product le	evel fro	m TOC:		
Time:	+-					Water lev	el from	TOC: 4.90		
Recorded by:	Rod	nev				Screened	interva	: 10-25		
Purge time (du						Well elev	ation (1	roc): 118,19	8	
					W	EATHER				· · · · · · · · · · · · · · · · · · ·
Wind:	C	-5			mpH	Precip. in	last 5 d	lays: h0		
	- / 17		VOLU	ME OF	WATER TO B	E REMOVED	BEFO	RE SAMPLING		
	.17 gal/ft 2	20,1	□ 6" we	11 = 1.47 g	gal/ft	Gallons i	n I well	1 volume: 3,4/		
□ 4" well = 0.	.66 gal/ft			well =	gal/f	t Total gal	lons ren	noved: 10,23	Well volumes remo	ved: 3
CALIBRATION Calibration Refore Sampling Time After Sampling										
Parameter	,	Time	Calibra	tion	Before Sampli	ng	T	Time	After Sa	mpling
EC:	. <u></u>		.)							<u> </u>
	1	— т				EASUREMEN	NTS		nnecran/A	
Time	pН	EC	Temp °F	ORP mV	D O mg/l	Case Volume gal.			ppearance	
6	5,98		64,7	-72	.56	1/3,41		no	execution of or	
6	,86	829,4	63,8	-70	,63	2/682		H	DOLY Odor	
6	75	832,9	63,6	-73	. ,76	3/10,23			no She	en
						/				
Notes:	,					 -	······································			
								·····		<u> </u>
					·	•				<u></u>
					9004 of ariair	al water level h	elow T	oc: Yet		
	water level after purging below TOC.									
Water level before sampling below TOC: 4,99 Appearance of sample:										
□ Bailer:	Туре		GPM:		☐ Pump: ES	- Type: Su	ıbmersil	ble .	GPM: 1 - 2	
☐ Dedicated:			GPM:		Decontamina	tion method: Li	quinox	wash, double rinse		
Sample analys	13.	ГРНg	TPH4	□ TPH	BTEX	X7 oxyge	nates	Lead scavengers	□VOCs	□ Nitrates
EPA Method:			1							<u> </u>
Other:	BROMA	Ob BE	om ITE	W	MOIUM,	Seleniu	M, 1	MOZY BOMM	HEXA CITED	me
LABORATO	•	/IcCampbell			Other:		· ·			

GROUNDWATER	R □ SURI	ACE WATER		☐ DOMESTIC	WATER		RRIGATION WATER	☐ WELL DE	VELOPMENT
Project No: O\					Field poin	t name	: Mw-4	·	
Global ID:					Well dept	h from	TOC: 25		
		SPEINS	i	MU RO	Well diam	neter: 🎵	₹12" □ 4 " □ 6"	□ Other:	
Date: 5/ 8	106				Product le	vel fro	m TOC:		
Time:					Water lev	el from	TOC: 5,07		
Recorded by: ρ_n	JARY				Screened	interva	1: 10.25		
Purge time (duration)	•				Weli elev	ation (roc): 113,91		
				WE	THER				
Wind:	0-5			npH	Precip. in	last 5	days: N D		·
		VOLUME	OF V	VATER TO BE			RE SAMPLING		
∑ 2" well = 0.17 gal	/A 19.93	□ 6" well =	1.47 g	al/ft	-		l volume: 3,38		
☐ 4" well = 0.66 gal	/ft	□ " wel	I =	gal/ft	Total gall	ons rer	noved: 10,14	Well volumes rem	oved: 3
T	Т				RATION		<u></u>		12
Parameter	Time	Calibration	_ 1	Before Sampling	·		Time	After Se	impling
EC:		<i>*</i>	<u> </u>						
ļ				FIELD ME.	Case	118	Α	ppearance	
Time pH	EC		DRP mV	D O mg/l	Volume gal.				
6,86	827,3	62,8 -	79	,87 1	3,38		Con	tubity	
6,80		61,3 -7	4	,G1 2	6.77		<u>Me</u>	ed odov	<u>, </u>
6,78	898,1	51,6 -	72	1.71 3	110,14			no sh	een
			· · · · · ·	,					
Notes:	,								
		<u>.</u>							·
	<u> </u>		-			_	<u>.</u>		
			Ī	80% of original	water level h	elow T	oc: Yes		
Water level after pur			 ¬	90% of originar	WARDI ICVOI D	Olow 1		· · · · · · · · · · · · · · · · · · ·	
Water level before samp		<u> </u>						Time:	12:56
	Гуре:	GPM:		□ Pump: ES-	Type: Su	bmersi	ble -	GPM: 1 - 2	
	Гуре:	GPM:		Decontamination	n method: Li	quinox	wash, double rinse		····
Sample analysis:		TPHd 🗆	ГРН	BTEX	X7 oxyge	nates	Lead scavengers	□VOCs	□ Nitrates
EPA Method:	7	1	·						
Other: A BROW	MATE, BR	om ITE,	Mr	ADIUM, S	eleviu	M, 1	MOZJBOMM,	HEXA CITRE	me
LABORATORY:	☑ McCampbell	Analytical		Other:		·			

GROUNDWATE	R 🗆 SU	RFACE WATER	□ DOMESTIC '	WATER D	RRIGATION WATER	☐ WELL DE	VELOPMENT
Project No: O	08			Field point nam	e: Mw-5		
Global ID:				Well depth fron	TOC: 20		
		Spany	HU 120	Well diameter:	2" 4 " 6"	□ Other:	
	8 106			Product level fr	om TOC:		
Time:				Water level fror	n TOC: 4.07		·····
Recorded by:	odney			Screened interv	al: 5-20,		
Purge time (duration	•			Well elevation	(TOC): 108,04		
				THER		·	
Wind:	0-5)	mpH	Precip. in last 5	days: NO		·
		VOLUME O	F WATER TO BE R	EMOVED BEFO	ORE SAMPLING		
2" well = 0.17 ga	u/A 15.93	\Box 6" well = 1.4"	7 gal/ft	Gallons in 1 we	Il volume: 2,70	<u> </u>	
☐ 4" well = 0.66 ga	ıl/ft	. □ "well =	gal/ft	Total gallons re	moved: 8/('	Well volumes rem	oved: 'S
		•		RATION			11
Parameter	Time	Calibration	Before Sampling		Time	After Sa	impling
						<u> </u>	
EC:							
		m oni		Case Case	Δη	pearance	
Time pH	EC	Temp ORI °F mV		olume gal.		pour unio	
7,60	7 788/	6.07 -76	2.37 1/	2.7		o turbit	
7,7	9 8528	6.02 -9		5,4		no od	0/
7,4	2 928,7	60,2 -19	1 .39 3/	8.1		40 5h	len
			/				
Notes:	<u> </u>					<u> </u>	····
				<u> </u>	<u> </u>		
117-4-1			80% of original w	vater level helow	roc: Yes		
Water level after pur Water level before s	<u> </u>	7	00.50 of original w	TOTAL DELOW			
Appearance of samp		100. 1109				Time:	2/20
	Туре:	GPM:	☐ Pump: ES-	Type: Submers	ible	GPM: 1 - 2	
	Type:	GPM:	Decontamination	method: Liquino:	κ wash, double rinse		
Sample analysis:		TPHd □ TPI	H KBTEX	oxygenates	Lead scavengers	□ VOCs	□ Nitrates
EPA Method:							
Other: BRO	MATE, BI	eomite, WA	MADIUM, SE	elevium,	MOIT BOMM,	HEXA CITED	me
LABORATORY:	McCampbe	II Analytical [Other:			· · · · · · · · · · · · · · · · · · ·	

GROUNDWATER	☐ SURFACE V	RFACE WATER DOMESTIC WATER DIRRIGATION WATER WELL DEVELOPMENT							
Project No: O\0				Field point name: MW-6					
Global ID: TOEO				Well depth	Well depth from TOC: 20				
Project location:		1~3 t	til 120	Well diame	Well diameter: 1 2 2 □ 4 □ □ 6 □ □ Other:				
Date: 5/8	106			Product lev	vel from TOC:				
Time:				Water leve	1 from TOC: 5, 32				
Recorded by: Rod	1 CV			Screened in	nterval: 5-20		·		
Purge time (duration):				Well eleva	tion (TOC):				
			WEA	THER			·		
Wind: C	7-5	, · <i>I</i>	npH	Precip. in	last 5 days: NO				
	vo	LUME OF V	VATER TO BE F	EMOVED 1	BEFORE SAMPLING				
2" well = 0.17 gal/ft	14,68 🗆 6"	well = 1.47 g	al/ft		1 well volume: 2.49	· · · · · · · · · · · · · · · · · · ·			
☐ 4" well = 0.66 gal/ft		" well =	gal/ft	Total gallo	ns removed: 2,5	Well volumes remo	ved: 3		
				RATION	······································				
Parameter T	Parameter Time Calibration Before Sampling Time After Sampling								
EC:									
		OPP	DO DO	Case		ppearance			
Time pH	EC Temp	ORP mV		Volume gal.		рреманее			
6,51 1	264 644	130	,66 1/	2.5	Con	tubity			
	270 66.4	136		5	n				
6,457	262 61.3	140	,53 3/	7,5	n	o sheer)		
			/				· · · · · · · · · · · · · · · · · · ·		
Notes:					· · · · · · · · · · · · · · · · · · ·				
					•				
						<u> </u>			
					1- TOO 40-				
	Water level after purging below TOC: 80% of original water level below TOC: 785								
Water level before sampling below TOC: 5,39 Appearance of sample:									
Appearance of sample: Bailer: Type:	GPM	. 1	☐ Pump: ES-	Type: Sub	mersible .	GPM: 1 - 2			
☐ Bailer: Type: ☐ Dedicated: Type:				<u></u>	uinox wash, double rinse	<u> </u>			
Sample analysis:		☐ TPH	BTEX	X7 oxygen	K /	□VOCs	☐ Nitrates		
EPA Method:									
Other: BROWN	6 BROMIT	E, MAN	ADIUM, SE	levium	1, MOZJBOMM,	HEXACITEON	ne		
(, , , , , , , , , , , , , , , , , , ,	cCampbell Analyti	· · · · · · · · · · · · · · · · · ·	Other:		<u> </u>				

GROUNDWA	TER SU	JRFACE WATER	□ DOMESTIC V	WATER	☐ IRRIGATION WATER	□ WELL DE	VELOPMENT	
Project No:	108			Field point name: MW-7				
Global ID:	960			Well depti	from TOC: 21,5			
	450	SPANG	HILL 120	Well diam	eter: 02" 🗆 4 " 🗀 6"	□ Other:		
Date: 5	18 106			Product le	vel from TOC:			
Time:	(Water leve	of from TOC: 5,40)		
Recorded by:	Rodney			Screened	nterval: $5-19.5$	_		
Purge time (durat	•			Well cleve	tion (TOC):			
				THER				
Wind:	0 -	5	mpH	Precip. in	last 5 days: ND			
		VOLUME OF	WATER TO BE R		BEFORE SAMPLING		 	
2" well = 0.17	gal/ft /6//	☐ 6" well = 1.47	gal/ft		1 well volume: 2, 23	<u> </u>		
□ 4" well = 0.66	gal/ft	□ " well =	gal/ft	Total galle	ons removed: 8/9	Well volumes remo	oved: J	
				RATION				
Parameter	Time	Calibration	Before Sampling		Time	After Sa	mpling	
	3							
EC:								
	, ro	Temp ORP	DO DO	Case		Appearance		
Time p	H EC	Temp ORP oF mV		olume gal.				
7	13 1260	(27 119	1,56 1/	2.73	Con	turbity		
7.	22 10 88	61.5 113		5.47	n c	oder		
7,	12/10/29	61,0 119	3,73 3/	8,19	10	shee	<u>h</u> .	
		· ·			<u> </u>			
Notes:	•	<u> </u>		<u> </u>	·			
				<u>,, </u>				
				<u></u>	·	<u></u>	· · · · · · · · · · · · · · · · · · ·	
Woter level - A)C:	80% of original w	ater level he	olow TOC: Yes			
Water level after purging below TOC: 80% of original water level below TOC: 4e5 Water level before sampling below TOC: 5,45								
Appearance of sample:								
☐ Bailer:	Туре:	GPM:	☐ Pump: ES-	Type: Sub	mersible	GPM: 1 - 2		
☐ Dedicated:	Type:	GPM:	Decontamination	method: Lic	uinox wash, double rinse			
Sample analysis:	ТРНд	TPHd □ TPH	BTEX	X7 oxygen	ates Lead scavengers	□ VOCs	□ Nitrates	
EPA Method:	1							
Other: A B	POMPTE, B	ROMITE, WH	uadium, Se	Leviu	n, MOZTBOMM,	HEXA CITED	me	
LABORATORY:	☑ McCampb	ell Analytical	Other:					

GROUNDWAT	ER SU	RFACE WAT	TER	□ DOMES	TIC WATER		RRIGATION WATER	☐ WELL DE	VELOPMENT	
Project No:	108				Field poi	nt name	: MW-8			
)bO				Well dep	th from	TOC: 19,5			
	4550	Span	52, t	11(C 12	O Well dia:	Well diameter: 💆 2" □ 4 " □ 6" □ Other:				
	8 /06				Product	Product level from TOC:				
Time:	V (-				Water le	vel from	TOC: 3,84			
Recorded by:	Podney				Screened	interva	1: 5-20			
Purge time (duration	•				Well ele	vation (ГОС):			
				V	VEATHER					
Wind:	0 ~	5	. 1	npH	Precip. i	n last 5	days: NO			
		VOLU	ME OF V	WATER TO I	BE REMOVEI) BEFO	RE SAMPLING			
2" well = 0.17	gal/ft 15,66	□ 6" wel	I = 1.47 g	gal/ft			1 volume: 2,66			
☐ 4" well = 0.66	4" well = 0.66 gal/ft									
CALIBRATION										
Parameter	Time	Calibrat	tion	Before Sampl	ing		l'ime	After Sa	ampling	
EC:		λ								
	<u> </u>				IEASUREME	NTS				
Time pH	EC .	Temp °F	ORP mV	D O mg/i	Case Volume gal.		A	ppearance		
6,3	3 1399	62.3	63	1.70	1/266		Con	turbity		
6,3		Q,/	85	1,00	215,32					
6,4		60,8	88	.65	317,98		no	she	en	
					/	<u> </u>				
Notes:	-					 _				
	·			·						
					· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		
				0004 6 11		halow T	oc: Yer			
Water level after p				80% of origi	nal water level	nėtám Į	00. 10			
Water level before	- · · · · ·	10C: 27,	0 /		· · · · · · · · · · · · · · · · · · ·			Time:	2:40	
Appearance of sar Bailer:		GPM:		☐ Pump: ES	S- Type: S	ubmersi	ble	GPM: 1 - 2		
☐ Dedicated:	Type:	GPM:					wash, double rinse			
Sample analysis:	ТРНg	TPHd	□ TPH	ВТЕХ	- 		Lead scavengers	□ VOCs	□ Nitrates	
EPA Method:	 	- \-							1.	
	omart B	ROM ITE	W	ADIUM.	Seleviu	m,	462 J BOMM,	HEXACITE	me	
LABORATORY:		/		Other:		/				
PUDOKATOKA:	□ IVIC∪ampbe	on Amarytical		~ *****			3			

GROUNDWATER	☐ SURFAC	CE WATER	☐ DOMESTIC '	WATER	☐ IRRIGATION WATER	□ WELL DEV	VELOPMENT	
Project No: O\08				Field point name: MW-9				
Global ID: TO60				Well depth	from TOC: 20			
Project location:	S 5	peing t	till 120	Well diameter: 💆 2" □ 4 " □ 6" □ Other:				
Date: 5/8/	09			Product lev	vel from TOC:		-	
Time:	<u> </u>			Water level from TOC: 4.67				
Recorded by: Rodne	v			Screened is	nterval: 5-20			
Purge time (duration):				Well eleva	tion (TOC):			
			WEA	THER				
Wind: D	~ 5	. 1	Precip. in	ast 5 days: NO				
		BEFORE SAMPLING						
2 2" well = 0.17 gal/ft /5	,33 □	6" well = 1.47 g	al/ft	ļ	1 well volume: 2.60	•	. 3	
☐ 4" well = 0.66 gal/ft] " well =	gal/ft	Total gallo	ns removed: 7,8	Well volumes remo	ved: 3	
d	· · · · · · · · · · · · · · · · · · ·			RATION				
Parameter Tir	ne (Calibration	Before Sampling	<u> </u>	Time	After Sar	mpling	
EC:					DO		<u></u>	
		ODB	FIELD MEA	Case		ppearance		
Time pH		emp ORP F mV		olume gal.		appointation		
7.312	155 61	1,6 84	1,31 1/	2.6	Lo	in tubit	/	
7, 15 15	8 93 60		,31 21	3,2		no odo	/	
7,20 /	3 30 61,		,38 3/	28		no she	en	
			1					
Notes:						<u> </u>		
			<u> </u>	 _				
·								
			80% of original w	oter lavel k -	low TOC: Yes		<u> </u>	
Water level after purging be	·	4,69	80% of original w	aler level be	10w 10c. / C)			
Water level before sampling Appearance of sample:	g delow TOC:	7,01	<u> </u>			Time:	1 :35	
Bailer: Type:	G	PM:	☐ Pump: ES-	Type: Sub	mersible	GPM: 1 - 2		
☐ Dedicated: Type:	,	GPM:		method: Liq	uinox wash, double rinse			
Sample analysis: TPI	Ig TP	Hd □ TPH	втех	Xy oxygen:	ates Lead scavengers	□ VOCs	□ Nitrates	
EPA Method:								
Other: BROWAST	BROM	ITE, WAN	MOIUM, SE	levium	MOITBOMM,	HEXA CITED	me	
LABORATORY: Mc	Campbell Ana	alytical []	Other:					

GROUN	DWATER	□ SUI	RFACE WA	TER	☐ DOMEST	TIC WATER		RRIGATION WATER	. □ WELL DE	VELOPMENT
Project No:						Field p	oint name	: Mw-10		
Global ID:	TOE					Well d	pth from	TOC: 18.5		
Project local			Spen	<i>ک</i> ر	HILL 12	O Well d	iameter:)	2" □4" □6"	□ Other:	
Date:	5/	8 106					t level fro	om TOC:		
Time:		7.50				Water	evel from	TOC: 4.20		
Recorded by	v: <i>P</i> .	ارما				Screen	ed interva	al: 5-18,5		·
Purge time (7,	iney_	<u> </u>			Well e	evation (
	· · · · · · · · · · · · · · · · · · ·				W	/EATHER				
Wind:		0 ~	5		MPH	Precip	in last 5	days: hD		
	VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING									
2" well =	= 0.17 gal/i	n 14.3	□ 6" we	11 = 1.47	gal/ft	Gallon	s in 1 we	ll volume: 2,43		
□ 4" well =			<u> </u>	well =	gal/	ft Total g	allons re	moved: 8,58	Well volumes rem	oved: 3
CALIBRATION										
Paramete	er	Time	Calibra	tion	Before Sampli	ng		Time	After Sa	mpling
EC:			.4							<u> </u>
					FIELD M	IEASUREM	ENTS			
Time	pН	EC	Temp °F	ORP mV	D O mg/l	Case Volume gal.		Α	appearance	
	7,66	816,0	61,2	-129	7,65	1/2,43		Con	tubity	
	7,08	1455	59,0	-67		21 4,86		ne	odor .	
	7.03		59,1	-65	498	3/8,58		h	b sheen	
	,, , , ,					1	1			
Notes:							· · ·			
							-		·	·
				-	<u> </u>					
I		ing below TO		79 i~	80% of origin	nal water leve	n below 1	OC: rep		
Water level before sampling below TOC: 4, 2 5										
Appearance			CDV4		☐ Pump: ES	Tyne:	Submersi	ible -	GPM: 1 - 2	
☐ Bailer:		ype:	GPM: GPM:					wash, double rinse	1	
Dedicate		ype: TPHg	GPM:	□ТРН	" 17.7			Lead scavengers	□VOCs	□ Nitrates
Sample ana	7	TLUE	K1 41 11(1		7,5157	 	<u>~</u>			
Other:		MTE BI	PAMITE	, WH	NAOIUM	Selen	un.	MOZJBOMM,	HEXACITRO	me
	•	•	•	7	Other:		/			 -
LABORAT	UKY: P	McCampbe.	n Anaiyucai	<u>ایا</u>	Omor.					

Appendix B

Analytical Laboratory Report



McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

Edd Clark & Associates, Inc.	Client Project ID: #0108; C+R Ranches	Date Sampled: 05/08/06
320 Professional Center Ste. 215		Date Received: 05/09/06
Debugge Deals CA 04029	Client Contact: Rodney Aguilar	Date Reported: 05/16/06
Rohnert Park, CA 94928	Client P.O.:	Date Completed: 05/16/06

WorkOrder: 0605178

May 16, 2006

Dear Rodney:

Enclosed are:

- 1). the results of 7 analyzed samples from your #0108; C+R Ranches project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager



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Edd Clark & Associates, Inc.	Client Project ID: #0108; C+R Ranches	Date Sampled: 05/08/06
320 Professional Center Ste. 215		Date Received: 05/09/06
	Client Contact: Rodney Aguilar	Date Extracted: 05/11/06
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed: 05/11/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm									Work Order: 060	
Lab ID	Client ID	Matrix	TPH(g)	мтве	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-2	w	ND		ND	ND	ND	ND	1	88
002A	MW-5	w	ND		ND	ND	ND	ND	1	88
003A	MW-6	w	ND		ND	ND	ND	ND	1	85
004A	MW-7	w	ND		ND	ND	ND	ND	1	91
005A	MW-8	w	ND		ND	ND	ND	ND	1	86
006A	MW-9	w	ND		ND	ND	ND	ND	1	88
007A	MW-10	W	ND		ND	ND	ND	ND	1	81
			,							
	ing Limit for DF =1;	w	50	5.0	0.5	0.5	0.5	0.5	1	μg/
	ans not detected at or the reporting limit	S	NA	, NA	NA	NA	NA	NA	1	mg/I

ND means not detected at or	W	50	3.0	0.3	0.3	0.5	0.5	ı	μg/L	
above the reporting limit	S	NA	, NA	NA	NA	NA	NA	1	mg/Kg	
the state of the s										

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/nonaqueous liquid samples in mg/L.

[#] cluttered chromatogram; sample peak coelutes with surrogate peak.

⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range nontarget isolated peaks subtracted out of the TPH(g) concentration at the client's request.



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Edd Clark & Associates, Inc.	Client Project ID: #0108; C+R Ranches	Date Sampled: 05/08/06
320 Professional Center Ste. 215		Date Received: 05/09/06
D 1	Client Contact: Rodney Aguilar	Date Extracted: 05/09/06
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed: 05/11/06

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW351		Analytical methods		Work Order:	0605178
Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0605178-001B	MW-2	W	ND	1	105
0605178-002B	MW-5	w	ND	1	109
0605178-003B	MW-6	w	ND	1	110
0605178-004B	MW-7	w	ND	1	109
0605178-005B	MW-8	w	ND	1	109
0605178-006B	MW-9	w	ND	1	110
0605178-007B	MW-10 ,	W	ND	1	113

Reporting Limit for DF =1; ND means not detected at or	w	50	μg/L
above the reporting limit	S	NA	NA

^{*} water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / SPLP / TCLP extracts are reported in µg/L.

[#] cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/prodult is present; i) liquid sample that contains greater than ~I vol. % sediment; k) kerosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stodeard solvent/mineral spirit.



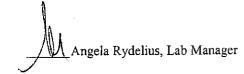
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

Edd Clark & Associates, Inc.	Client Project ID: #0108; C+R Ranches	Date Sampled: 05/08/06				
320 Professional Center Ste. 215		Date Received: 05/09/06				
	Client Contact: Rodney Aguilar	Date Extracted: 05/10/06				
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed: 05/10/06				

D 1 . D 1 G4000	Chemica	maci. Roundy 1						
Rohnert Park, CA 94928	Client P.	O.:		Date Analyzed: 05/10/06				
Oxygenated Extraction Method: SW5030B		ics + EDB and 1 alytical Method: SW8260		T and GC/MS*	Work Orde	er: 0605178		
Lab ID	0605178-001C	0605178-002C	0605178-003C	0605178-004C				
Client ID	MW-2	MW-5	MW-6	MW-7	Reporting Limit for			
Matrix	W	W	W	W	DF			
DF	1	1	. 1	1	S V			
Compound	Compound Concentration					μg/L		
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	NA	0.5		
t-Butyl alcohol (TBA)	ND	ND	ND	ND	NA	5.0		
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	NA	0.5		
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	. ND	NA	0.5		
Diisopropyl ether (DIPE)	ND	ND	ND	ND	NA	0.5		
Ethanol	ND	ND	ND	ND	NA	50		
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	NA	0.5		
Methanol	ND	ND	ND	ND	NA	500		
Methyl-t-butyl ether (MTBE)	ND	1.4	ND	2.0	NA	0.5		
	Surr	ogate Recoveries	s (%)					
%SS1:	104	106	107	108				
%SS2:	97	96	97	96				
%SS3:	101	100	102	104				
Comments								

^{*} water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

[#] surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.



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Edd Clark & Associates, Inc.	Client Pr	oject ID: #0108	; C+R Ranches	Date Sampled:	05/08/06	_	
320 Professional Center Ste. 215				Date Received: 05/09/06 Date Extracted: 05/10/06			
D 1 01 01000	Client Co	ontact: Rodney	Aguilar				
Rohnert Park, CA 94928	Client P.	O.:		Date Analyzed: 05/10/06			
Oxygenated Extraction Method: SW5030B		ics + EDB and 1 alytical Method: SW8260		T and GC/MS*	Work Ord	er: 0605178	
Lab ID	0605178-005C	0605178-006C	0605178-007C				
Client ID	MW-8	MW-9	MW-10		Reporting Limit for		
Matrix	W	W	W	and the state of t	05/10/06 05/10/06 Work Order: 06051 Reporting Limit for DF =1	-= <u>1</u>	
DF	1	1	. 1		S	W	

			į l		
DF	1	1	1	S	w
Compound		ug/kg	μg/L		
tert-Amyl methyl ether (TAME)	ND	ND	ND	NA	0.5
t-Butyl alcohol (TBA)	ND	ND	ND	NA	5.0
1,2-Dibromoethane (EDB)	ND	ND	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	NA	0.5
Diisopropyl ether (DIPE)	ND	ND	ND	NA	0.5
Ethanol	ND	ND	ND	NA	50
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	NA	0.5
Methanol	ND	ND	ND	NA	500
Methyl-t-butyl ether (MTBE)	2.7	0.64	ND	NA	0.5

Surrogate Recoveries (%)

		-			
%SS1:	107	107	107		
%SS2:	97	96	95		
%SS3:	102	104	104		
Comments					
, , , , , , , , , , , , , , , , , , , 			3	1 TC	D 6 CDI D

^{*} water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

[#] surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Edd Clark & Assoc	iates, Inc.	Client Project ID:	#0108; C+R Ranches	Date Sampled: 05/08	/06			
320 Professional C	enter Ste. 215			Date Received: 05/09	/06			
		Client Contact: R	odney Aguilar	Date Extracted: 05/09/06				
Rohnert Park, CA 9	94928	Client P.O.:		Date Analyzed: 05/10	/06			
Analytical methods: E300.	.1	Inorganic A	nions by IC*	W	ork Order:	0605178		
Lab ID	Client ID	Matrix	Bromid	E	DF	% SS		
0605178-001D	MW-2	w	ND		1	97		
0605178-002D	MW-5	w	0.37		1	97		
						<u> </u>		
	,							
						ļ		
	<u> </u>					ļ		
				•				
						<u> </u>		
Reporting	Limit for DF =1; not detected at or	w	0.1			ıg/L		
above th	e reporting limit	S	NA		1	NΑ		

* water samples are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in mg/wipe, product/oil/non-aqueous liquid samples in mg/L.

surrogate diluted out of range or surrogate coelutes with another peak; N/A means surrogate not applicable to this analysis.

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted/raised due to high inorganic content/matrix interference; k) sample arrived with head space.





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LYP						
Edd Clark & Asso	ociates, Inc.	Client Proje	ect ID: #0108; C+R Ranches	Date Sampled: 05/08/	06	
320 Professional (Center Ste. 215			Date Received: 05/09	06	
Dohnom Dod CA	04028	Client Cont	act: Rodney Aguilar	Date Extracted: 05/09	06	
Rohnert Park, CA	141 20	Client P.O.:		Date Analyzed: 05/10/	06	
Analytical methods: E30	0.1	Inorg	anic Anions by IC*	Wo	rk Order:	0605178
Lab ID	Client ID	Matrix	Bromati	е	DF	% SS
0605178-001D	MW-2	w	ND		l	N/A
0605178-002D	MW-5	w	ND		1	N/A
					-	
	A					
	¥					
					-	
Reporting ND mean	g Limit for DF =1; s not detected at or	W	0.005	-		g/L
	he reporting limit	S	NA NA		N	٧A

surrogate diluted out of range or surrogate coelutes with another peak; N/A means surrogate not applicable to this analysis.

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~l vol. % sediment; j) sample diluted due to high inorganic content; k) sample arrived with head space.

^{*} water samples are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in mg/wipe, product/oil/non-aqueous liquid samples in mg/L.



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18						
Edd Clark & Ass	ociates, Inc.	Client Pro	oject ID: #01	08; C+R Ranches	Date Sampled: 05/08/06	
320 Professional	Center Ste. 215				Date Received: 05/09/06	
		Client Co	ntact: Rodney	/ Aguilar	Date Extracted: 05/09/06	
Rohnert Park, CA	A 94928	Client P.C	O.:		Date Analyzed: 05/09/06	
Analytical Method: E2	119.6	Н	lexachrome b	y IC*	Work Orde	er: 0605178
Lab ID	Client ID		Matrix	to and the state of the state o	Hexachrome	DF
0605178-001D	MW-2		w		0.92	1
0605178-002D	MW-5		w		ND	1
		· · ·				
	2					
	i)					
.					•	
				a management was a second		
		<u> </u>				
	ì					
Reporting Limit	for DF = 1; ND means not deterabove the reporting limit	ected at or	W		0.2 μg/L	
			S		NA	
* water samples are re	eported in μg/L.			•		

N/A means surrogate not applicable to this analysis; # surrogate diluted out of range or surrogate coelutes with another peak.

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to matrix interference; p) see attached narrative.

M_^

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Edd Clark & Associates, Inc.	Client Project ID: #0108; C+R Ranches	Date Sampled: 05/08/06
320 Professional Center Ste. 215		Date Received: 05/09/06
D 1 (D 1 CA 04020	Client Contact: Rodney Aguilar	Date Extracted: 05/09/06
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed: 05/09/06-05/10/06

Metals*

Extraction method: E200.8 Analytical methods: E200.8 Work Order: 0605178

Lab ID	Client ID	Matrix	Extraction	Molybdenum	Selenium	Vanadium	DF	% SS
001D	MW-2	w	DISS.	4.0	0.59	ND	1	N/A
002D	MW-5	W	DISS.	ND	ND	0.57	ŀ	N/A
								-
					·			-
	·							-
								-
	· ·	\$		VACAR				
								-
								-
	. Li-i- 6- DE -1-	1	7.00	0.5				

Reporting Limit for DF =1; ND means not detected at or	w	DISS.	0.5	0.5	0.5	μg/L
above the reporting limit	S	TTLC	NA	NA	NA	NA

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/soild samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No. 1644



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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605178

EPA Method: SW8021B/8015Cm Extraction: SW5030B					BatchID: 21627 Spiked Sample ID: 060			5177-007A		
Analista	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)
Analyte	µg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex) £	ND	60	109	107	2.07	106	107	0.982	70 - 130	70 - 130
мтве	ND	10	94	95.4	1.50	92.6	103	10.4	70 - 130	70 - 130
Benzene	1.9	10	79.6	84.2	4.54	92.7	99.5	7.05	70 - 130	70 - 130
Toluene	ND	10	95.1	103	7.58	90.1	94.6	4.93	70 - 130	70 - 130
Ethylbenzene	2.8	10	77.6	78.5	0.816	99	104	5.23	70 - 130	70 - 130
Xylenes	4.1	30	82.7	83	0.345	91	96.3	5.69	70 - 130	70 - 130
%SS:	107	10	103	102	0.628	101	104	3.32	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 21627 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605178-001A	5/08/06	5/11/06	5/11/06 7:06 AM	0605178-002A	5/08/06	5/11/06	5/11/06 7:39 AM
0605178-003A	5/08/06	5/11/06	5/11/06 9:18 AM	0605178-004A	5/08/06	5/11/06	5/11/06 10:25 AM
0605178-005A	5/08/06	5/11/06	5/11/06 10:59 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

[%] Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).



110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605178

EPA Method: SW8021B/8015Cm Extraction: SW5030B				В	BatchID: 21641			Spiked Sample ID: 0605183-003A		
Analuta	Sample	Spiked	piked MS μg/L % Rec.	s MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
Analyte	μg/L	μg/L		% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex) [£]	ND	60	109	100	8.14	102	104	1.93	70 - 130	70 - 130
МТВЕ	ND	10	95.7	94.4	1.41	96.1	107	10.6	70 - 130	70 - 130
Benzene	ND	10	107	97	9.56	92.6	98.3	5.96	70 - 130	. 70 - 130
Toluene	ND	10	105	87.5	18.4	88.5	93.7	5.64	70 - 130	70 - 130
Ethylbenzene	ND	10	106	103	2.48	94.8	101	6.55	70 - 130	70 - 130
Xylenes	ND	30	100	96	4.08	90.7	95.3	5.02	70 - 130	70 - 130
%SS:	106	10	101	105	4.17	100	100	0	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 21641 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605178-006A	5/08/06	5/11/06	5/11/06 11:33 AM	0605178-007A	5/08/06	*	5/11/06 12:07 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605178

EPA Method: SW8015C Extraction: SW3510C			BatchID: 21636			Spiked Sample ID: N/A					
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)	
Artalyte	µg/L	µg/L µg/L		% Rec. % Rec.		% Rec.	% Rec.	% RPD	MS/MSD	LCS / LCSD	
TPH(d)	N/A	1000	N/A	N/A	N/A	113	113	0	N/A	70 - 130	
%SS:	N/A	2500	N/A	N/A	N/A	107	108	0.331	N/A	70 - 130	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 21636 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605178-001B	5/08/06	5/09/06	5/11/06 11:14 AM	0605178-002B	5/08/06	5/09/06	5/11/06 12:25 PM
0605178-003B	5/08/06	5/09/06	5/11/06 1:37 PM	0605178-004B	5/08/06	5/09/06	5/11/06 2:50 PM
0605178-005B	5/08/06	5/09/06	5/11/06 10:59 AM	0605178-006B	5/08/06	5/09/06	5/11/06 12:06 PM
0605178-007B	5/08/06	5/09/06	5/11/06 1:13 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



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OC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605178

EPA Method: SW8260B Extraction: 5				В	Batc	hID: 21637	,	Spiked San	ple ID: 060	5177 - 005C
A I. A -	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	e Criteria (%)
Analyte	μg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
tert-Amyl methyl ether (TAME)	ND	10	92.7	91.5	1.29	90.3	91.3	1.07	70 - 130	70 - 130
t-Butyl alcohol (TBA)	ND	50	107	93.1	13.7	90	88.9	1.19	70 - 130	70 - 130
1,2-Dibromoethane (EDB)	ND	10	117	117	0	118	118	0	70 - 130	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	10	103	101	1.85	99.9	100	0.454	70 - 130	70 - 130
Diisopropyl ether (DIPE)	ND	10	108	105	2.40	104	105	0.767	70 - 130	70 - 130
Ethanol	ND	500	105	105	0	105	111	5.74	70 - 130	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	10	93.4	92.3	1.19	91.5	91.8	0.317	70 - 130	70 - 130
Methanol	ND	2500	105	92.5	12.2	95.1	98	3.01	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	99.9	99.4	0.526	97.1	96.8	0.326	70 - 130	70 - 130
%SS1:	101	10	107	101	5.99	104	104	0.	70 - 130	70 - 130

 $All \ target \ compounds \ in \ the \ Method \ Blank \ of \ this \ extraction \ batch \ were \ ND \ less \ than \ the \ method \ RL \ with \ the \ following \ exceptions:$

NONE

BATCH 21637 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605178-001C	5/08/06	5/10/06	5/10/06 2:27 PM	0605178-002C	5/08/06	5/10/06	5/10/06 6:00 PM
0605178-003C	5/08/06	5/10/06	5/10/06 6:44 PM	0605178-004C	5/08/06	5/10/06	5/10/06 7:27 PM
0605178-005C	5/08/06	5/10/06	5/10/06 9:34 PM	0605178-006C	5/08/06	5/10/06	5/10/06 10:17 PM
0605178-007C	5/08/06	5/10/06	5/10/06 10:59 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

[%] Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).



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QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605178

EPA Method: E200.8	E	xtraction	E200.8	-	Batc	hID: 21624		Spiked Sample ID: 0605204-002B			
A - a lada	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	e Criteria (%)	
Analyte	µg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS/MSD	LCS / LCSD	
Molybdenum	ND	10	104	106	1.62	100	96.4	4.13	75 - 125	85 - 115	
Selenium	ND	10	100	104	3.62	104	101	3.03	75 - 125	85 - 115	
Vanadium	2.3	10	102	102	0	95.9	97	1.12	75 - 125	85 - 115	
%\$\$:	108	750	111	115	3.94	112	107	4.18	70 - 130	70 - 130	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 21624 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605178-001D	5/08/06	5/09/06	5/09/06 11:52 PM	0605178-002D	5/08/06	5/09/06	5/10/06 12:10 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



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QC SUMMARY REPORT FOR E218.6

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605178

EPA Method: E218.6	E	xtraction	E218.6		BatchID: 21642			Spiked Sample ID: 0605178-001d			
Analyte	Sample	Spiked	мѕ	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)	
Analyte	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD	
Hexachrome	0.92	25	106	105	0.955	99.3	97.1	2.20	90 - 110	90 - 110	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 21642 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605178-001D	5/08/06	5/09/06	5/09/06 9:18 AM	0605178-002D	5/08/06	5/09/06	5/09/06 9:39 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



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OC SUMMARY REPORT FOR E300.1

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605178

EPA Method: E300.1	E	Extraction: E300.1				hID: 21598	}	Spiked Sample ID: N/A			
	Sample	Spiked	мѕ	MS MSD M		LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)		
Analyte	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS/LCSD	
Bromide	N/A	1	N/A	N/A	N/A	106	100	5.24	N/A	85 - 115	
%SS:	N/A	0.10	N/A	N/A	N/A	96	97	0.497	N/A	90 - 115	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 21598 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605178-001D	5/08/06	5/09/06	5/10/06 2:33 AM	0605178-002D	5/08/06	5/09/06	5/10/06 3:08 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



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QC SUMMARY REPORT FOR E300.1

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605178

EPA Method: E300.1	E	Extraction: E300.1				hID: 21544		Spiked Sample ID: N/A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)	
Analyte	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD	
Bromate	N/A	0.040	N/A	N/A	N/A	101	100	0.744	N/A	90 - 115	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 21544 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605178-001D	5/08/06	5/09/06	5/10/06 2:49 PM	0605178-002D	5/08/06	5/09/06	5/10/06 3:38 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 798-1620

CHAIN-OF-CUSTODY RECORD

Page 1

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WorkOrder: 0605178

ClientID: ECAR

EDF: YES

Ö 320 Professional Center Ste. 215 Edd Clark & Associates, Inc. Rohnert Park, CA 94928 Rodney Aguilar Report to:

ProjectNo: #0108; C+R Ranches (707) 792-9500 (707) 792-9504 FAX: <u>T</u>EL:

Edd Clark & Associates, Inc. Accounts Payable Bill to:

Requested TAT:

5 days

Date Received: Date Printed:

05/09/2006 05/09/2006

320 Professional Center Ste.215

Rohnert Park, CA 94928

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Requested Tests (See legend below)

ClientSamplD

3 Collection Date Hold Matrix

Water Water Water Water Water Water Water

> MW-5 MW-6

MW-2

0605178-001 3605178-002

Sample ID

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MW-10

WW-8 6-WM

MW-7

0605178-003 0605178-004

0605178-005 3605178-006 0605178-007

Test Legend:

METALSMS_DISS Ξ 9

PRDISSOLVED 300_1_W 12 7 2

PREDF REPORT 300_1SPE_W 80 3

W_SYXO-6 TPH(D)_W 4 တ

G-MBTEX_W 2 S

Prepared by: Melissa Valles

Comments:

GI# T0609744339

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

UUS118 Chain of Custody Report

P.O. Box 3039, Rohnert Park, CA 94927 Tel: (707) 792-9500 (800) 474-1448 Fax: (707) 792-9504

E-mail in EDF for Upload to Geotracker: Yes X No D Initials C

Edd Clark & CCOP Associates, Inc.

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Edd Clark & Associates, Inc.	Client Project ID: #0108; C+R Ranches	Date Sampled: 05/09/06
320 Professional Center Ste. 215		Date Received: 05/10/06
j	Client Contact: Rodney Aguilar	Date Reported: 05/16/06
Rohnert Park, CA 94928	Client P.O.:	Date Completed: 05/16/06

WorkOrder: 0605207

May 16, 2006

Dear Rodney:

Enclosed are:

- 1). the results of 2 analyzed samples from your #0108; C+R Ranches project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,



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Edd Clark & Associates, Inc.	Client Project ID: #0108; C+R Ranches	Date Sampled: 05/09/06
320 Professional Center Ste. 215		Date Received: 05/10/06
Dalamont Doule CA 04030	Client Contact: Rodney Aguilar	Date Extracted: 05/12/06
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed: 05/12/06

Casalina Bange (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Lab ID	od: SW5030B Client ID	Matrix	TPH(g)	tical methods: SV MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	rder: 06 DF	% SS
Lauri	Chent ID	Matrix	1111(g)	MIDE	, Delizene	Totache	Edityroctizette	Aylonos	151	70 50
001A	MW-3	W	3100,a		600	160	87	140	10	103
002A	MW-4	W	33,000,a		3400	210	1400	4200	100	99
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								THE FIRST W. I. S. L. S.		
Reporti	ng Limit for DF =1;	W	50	5.0	0.5	0.5	0.5	0.5	1	μg/
	ins not detected at or	,,		374	NIA	214	374	311	+	100

Reporting Limit for DF =1; ND means not detected at or	W	50	5.0	0.5	0.5	0.5	0.5	l	μg/L
ND means not detected at or above the reporting limit	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/nonaqueous liquid samples in mg/L.

[#] cluttered chromatogram; sample peak coelutes with surrogate peak.

⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range nontarget isolated peaks subtracted out of the TPH(g) concentration at the client's request.

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Edd Clark & Associates, Inc.	Client Project ID:	#0108; C+R Ranches	Date Sampled:	05/09/06
320 Professional Center Ste. 215			Date Received:	05/10/06
- 1	Client Contact: Ro	dney Aguilar	Date Extracted:	05/10/06
Rohnert Park, CA 94928	Client P.O.:		Date Analyzed:	05/11/06-05/12/06

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0605207

Extraction method: SW351	OC .	Analytical meulou	5. 3W 0013C	WORK ORDER.	0005207
Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0605207-001B	MW-3	w	370,d	1	101
0605207-002B	MW-4	W	3500,d	1	106
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	14				
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	·				
· ·					
	···				

Reporting Limit for DF =1;	W	50	μg/L
ND means not detected at or above the reporting limit	S	NA	NA

^{*} water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

[#] cluttered chromatogram resulting in coeluted surrogate and sample peaks, or, surrogate peak is on elevated baseline, or, surrogate has been diminished by dilution of original extract.

⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kcrosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.



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Lye"				•		
Edd Clark & Associates, Inc.	Client Pr	oject ID: #0108	; C+R Ranches	Date Sampled:	05/09/06	
320 Professional Center Ste. 215				Date Received:	05/10/06	
D 1	Client Co	ontact: Rodney A	guilar	Date Extracted:	05/12/06	
Rohnert Park, CA 94928	Client P.	O.:		Date Analyzed:	05/12/06	
Oxygenated Extraction Method: SW5030B		ics + EDB and 1 alytical Method: SW826		T and GC/MS*	Work Ord	er: 0605207
Lab ID	0605207-001C	0605207-002C				
Client ID	MW-3	MW-4			Reporting	
Matrix	W	W			Dr	=1
DF	10	10		·	S	W
Compound		Conc	entration		ug/kg	μg/L
tert-Amyl methyl ether (TAME)	ND<5.0	14			NA	0.5
t-Butyl alcohol (TBA)	ND<50	86			NA	5.0
1,2-Dibromoethane (EDB)	ND<5.0	ND<5.0			NA	0.5
1,2-Dichloroethane (1,2-DCA)	14	20			NA	0.5
Diisopropyl ether (DIPE)	ND<5.0	ND<5.0			NA	0.5
Ethanol	ND<500	ND<500			NA	50
Ethyl tert-butyl ether (ETRE)	ND<5.0	ND<5.0			NA	0.5

Surrogate Recoveries (%)

ND<5000

290

Į				 	
	%SS1:	101	96		
	Comments	, , , , , , , , , , , , , , , , , , ,			

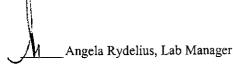
^{*} water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND<5.0

ND<5000

17

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~I vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



500

0.5

NA

NA

Ethyl tert-butyl ether (ETBE)

Methyl-t-butyl ether (MTBE)

Methanoi

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

[#] surrogate diluted out of range or coclutes with another peak; &) low surrogate due to matrix interference.



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LX						
Edd Clark & A	sociates, Inc.	Client Project	et ID: #0108; C+R Ranches	Date Sampled: 05/09	/06	
320 Professiona	1 Center Ste. 215			Date Received: 05/10	/06	
		Client Conta	ct: Rodney Aguilar	Date Extracted: 05/10	/06	
Rohnert Park, C	A 94928	Client P.O.:		Date Analyzed: 05/11	/06	
		Inorga	nnic Anions by IC*	1.00		0605207
Analytical methods: E	3300.1	- 			ork Order:	
Lab ID	Client ID	Matrix	Bromide		DF	% SS
0605207-001D	MW-3	w	0.28		1	97
0605207-002D	MW-4	w	0.45		1	98
·	a ·					
	3		- 1849			
		1				
				-		
	ting Limit for DF =1;	W	0.1			ıg/L
	e the reporting limit	S	NA .]	NA



^{*} water samples are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in mg/wipe, product/oil/non-aqueous liquid samples in mg/L.

[#] surrogate diluted out of range or surrogate coelutes with another peak; N/A means surrogate not applicable to this analysis.

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted/raised due to high inorganic content/matrix interference; k) sample arrived with head space.



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			website: www.mcca	mpoen.com E-man: mani@mcc	ampoen.com	
Edd Clark & A	sociates, Inc.	Client Project ID:	#0108; C+R Ranches	Date Sampled: 05/0	09/06	
320 Professiona	al Center Ste. 215			Date Received: 05/1	10/06	
		Client Contact: Re	odney Aguilar	Date Extracted: 05/	10/06	
Rohnert Park, C	A 74740	Client P.O.:		Date Analyzed: 05/1	10/06	
Analytical methods: I	3300,1	Inorganic A	nions by IC*		Work Order:	0605207
Lab ID	Client ID	Matrix	Bromate	e	DF	% SS
0605207-001D	MW-3	w	ND		1	N/A
0605207-002D	MW-4	w	ND		1	N/A
	3					
					-	
· · · · · · · · · · · · · · · · · · ·						
-						-
					_	
·						-/1
ND me	ting Limit for DF =1; eans not detected at or	W S	0.005 NA			ng/L NA
abov	ve the reporting limit	0	INA		1 ,	14.3

^{*} water samples are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in mg/wipe, product/oil/non-aqueous liquid samples in mg/L.

[#] surrogate diluted out of range or surrogate coelutes with another peak; N/A means surrogate not applicable to this analysis.

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high inorganic content; k) sample arrived with head space.



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Edd Clark & Associates, Inc.	Client Project ID: #0108; C+R Ranches	Date Sampled: 05/09/06
320 Professional Center Ste. 215	!	Date Received: 05/10/06
D 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Client Contact: Rodney Aguilar	Date Extracted: 05/10/06
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed: 05/10/06

Hexachrome by IC*

Analytical Method: E218.6

Work Order: 0605207

Analytical Method: E218.6 Lab ID	Client ID	Matrix	Hexachrome	DF
Lati ID	Chefit ID	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
0605207-001D	MW-3	W	ND	1
0605207-002D	MW-4	W	ND	1
	3			
		,		
	-			

Reporting Limit for DF = 1; ND means not detected at or	W	0.2 μg/L	
above the reporting limit	S	NA NA	

^{*} water samples are reported in μg/L.

N/A means surrogate not applicable to this analysis; # surrogate diluted out of range or surrogate coelutes with another peak.

h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to matrix interference; p) see attached narrative.



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	McCampbe	II Ana	nytical	i, inc.	Website: www.mcca	mpbell.com E-mail: mair	1@mccanipbe	ll.com	
Edd Clar	k & Associates, In	c.	C	lient Project ID:	#0108; C+R Ranches	Date Sampled:	05/09/06	; 	
320 Profe	essional Center Ste	. 215				Date Received:	05/10/06	<u> </u>	
D -1	D-J- (74 04039		C	lient Contact: Ro	odney Aguilar	Date Extracted:	05/10/06	ś	
Konnert	Park, CA 94928		C	lient P.O.:		Date Analyzed:	05/11/06	<u></u>	
Extraction me	thod: E200.8	· · · · · · · · · · · · · · · · · · ·		Met Analytical me	als* ethods: E200.8		Work (Order: 0	0605207
Lab ID	Client ID	Matrix	Extraction	Molybdenur	n Selenium	Vanadi	um	DF	% SS
001E	MW-3	w	DISS.	1.2	ND	0.52		1	N/A
002E	MW-4	w	DISS.	2.0	ND	ND		1	N/A
	,								
	· · · · · · · · · · · · · · · · · · ·								

Reporting Limit for DF =1;	W	DISS.	0.5	0.5	0.5	μg/L
ND means not detected at or above the reporting limit	S	TTLC	NA	NA	NA	NA

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in μg/wipe, filter samples in μg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No. 1644



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OC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605207

EPA Method: SW8021B/	/8015Cm E	xtraction	SW5030	W5030B BatchID: 21649					Spiked Sample ID: 0605196-003A			
Samp		Spiked	ked MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
Analyte	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD		
TPH(btex) [£]	ND	60	101	98.9	1.90	106	97.4	8.35	70 - 130	70 - 130		
MTBE	ND	10	82.2	84	2.14	98.4	109	10.4	70 - 130	70 - 130		
Benzene	ND	10	98.5	99.8	1.36	98.2	94.3	4.06	70 - 130	70 - 130		
Toluene	ND	10	97.1	97.5	0.458	94.8	91.6	3.40	70 - 130	70 - 130		
Ethylbenzene	ND	10	106	106	0	104	99.6	4.57	70 - 130	70 - 130		
Xylenes	ND	30	100	100	0	96	96	0	70 - 130	70 - 130		
%SS:	100	10	101	102	0.263	102	102	0	70 - 130	70 - 130		

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 21649 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605207-001A	5/09/06 12:30 PM	5/12/06	5/12/06 6:21 AM	0605207-002A	5/09/06 12:50 PM	5/12/06	5/12/06 6:54 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

[%] Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

[£] TPH(btex) = sum of BTEX areas from the FID.

[#] cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605207

EPA Method: SW8015C		xtraction	SW3510	С	Batcl	BatchID: 21650			Spiked Sample ID: N/A		
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)	
Analyte	µg/L	μg/L μg/L % Rec. % I		% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD	
TPH(d)	N/A	1000	N/A	N/A	N/A	102	118	14.2	N/A	70 - 130	
%SS:	N/A	2500	N/A	N/A	N/A	95	107	11.5	N/A	70 - 130	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 21650 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605207-001B	5/09/06 12:30 PM	5/10/06	5/11/06 5:56 PM	0605207-002B	5/09/06 12:50 PM	5/10/06	5/12/06 7:37 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



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OC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605207

EPA Method: SW8260B	E	xtraction:	SW5030	В	Batcl	BatchID: 21655			Spiked Sample ID: 0605203-003A			
	Sample	Spiked	мѕ	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)		
Analyte	μg/L	μg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD		
tert-Amyl methyl ether (TAME)	ND	10	93.7	101	7.22	96.1	97.8	1.80	70 - 130	70 - 130		
t-Butyl alcohoi (TBA)	ND	50	96.7	107	10.3	99.1	103	3.68	70 - 130	70 - 130		
1,2-Dibromoethane (EDB)	ND	10	119	119	0	120	116	3.61	70 - 130	70 - 130		
1,2-Dichloroethane (1,2-DCA)	ND	10	102	111	7.88	106	107	1.56	70 - 130	70 - 130		
Diisopropyl ether (DIPE)	ND	10	108	115	6.67	111	111	0	70 - 130	70 - 130		
Ethanol	ND	500	109	110	0.359	108	102	5.75	70 - 130	70 - 130		
Ethyl tert-butyl ether (ETBE)	ND	10	94	101	7.54	96.3	97.7	1.49	70 - 130	70 - 130		
Methanol	ND	2500	99.4	97.4	2.08	92.4	104	11.8	70 - 130	70 - 130		
Methyl-t-butyl ether (MTBE)	ND	10	101	110	9.20	104	106	1.98	70 - 130	70 - 130		
%SS1:	97 .	10	102	103	0.772	99	106	6.73	70 - 130	70 - 130		

 $All\ target\ compounds\ in\ the\ Method\ \frac{B}{R}lank\ of\ this\ extraction\ batch\ were\ ND\ less\ than\ the\ method\ RL\ with\ the\ following\ exceptions:$

NONE

BATCH 21655 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605207-001C	5/09/06 12:30 PM	5/12/06	5/12/06 3:44 AM	0605207-002C	5/09/06 12:50 PM	5/12/06	5/12/06 4:26 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

[%] Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).



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QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605207

EPA Method: E200.8	E		Batc	BatchID: 21624			Spiked Sample ID: 0605204-002B			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)
Analyte	μg/L	μg/L	μg/L % Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
Molybdenum	ND	10	104	106	1.62	100	96.4	4.13	75 - 125	85 - 115
Selenium	ND	10	100	104	3.62	104	101	3.03	75 - 125	85 - 115
Vanadium	2.3	10	102	102	0	95.9	97	1.12	75 - 125	85 - 115
%SS:	108	750	111	115	3.94	112	107	4.18	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 21624 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample 1D	Date Sampled	Date Extracted	Date Analyzed
0605207-001E	5/09/06 12:30 PM	5/10/06	5/11/06 1:33 AM	0605207-002E	5/09/06 12:50 PM	5/10/06	5/11/06 2:08 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



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QC SUMMARY REPORT FOR E218.6

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605207

EPA Method: E218.6	E	xtraction	E218.6		BatchID: 21642			Spiked Sample ID: 0605178-001d		
	Sample	Spiked	мѕ	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance	Criteria (%)
Analyte	μg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
Hexachrome	0.92	25	106	105	0.955	99.3	97.1	2.20	90 - 110	90 - 110

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 21642 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605207-001D	5/09/06 12:30 PM	5/10/06	5/10/06 8:42 PM	0605207-002D	5/09/06 12:50 PM	5/10/06	5/10/06 9:03 PM

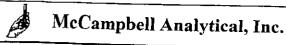
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



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QC SUMMARY REPORT FOR E300.1

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605207

EPA Method: E300.1	E	xtraction	: E300.1		Batc	hID: 21598	Spiked San	iked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS		LCS-LCSD		Criteria (%)	
<u> </u>	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSE	
Bromide	N/A	1	N/A	N/A	N/A	106	100	5.24	N/A	85 - 115	
%SS:	N/A.	0.10	N/A	N/A	N/A	96	97	0.497	N/A	90 - 115	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 21598 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605207-001D	5/09/06 12:30 PM	5/10/06	5/11/06 5:12 PM	0605207-002D	 5/09/06 12:50 PM		5/11/06 5:41 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A. = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR E300.1

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605207

EPA Method: E300.1	E	xtraction:	E300.1		BatchID: 21644 Spiked Sample ID: N/A						
Anglido	Sample	Spiked	Spiked MS		MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)		
Analyte	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS/LCSD	
Bromate	N/A	0.040	N/A	N/A	N/A	99.9	102	2.08	N/A	90 - 115	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 21644 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605207-001D	5/09/06 12:30 PM	5/10/06	5/10/06 7:42 PM	0605207-002D	5/09/06 12:50 PM	5/10/06	5/10/06 8:31 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

110 Second Avenue South, #D7 Pacheco, CA 94553-5560 (925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0605207

ClientID: ECAR

Page 1

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EDF: YES

Requested TAT:

5 days

Date Received:

Date Printed:

05/10/2006

05/10/2006

320 Professional Center Ste.215 Edd Clark & Associates, Inc.

Accounts Payable

Bill to:

Rohnert Park, CA 94928

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ProjectNo: #0108; C+R Ranches

Ö

320 Professional Center Ste. 215

Rohnert Park, CA 94928

Edd Clark & Associates, Inc.

Rodney Aguilar

Report to:

FAX TEL:

(707) 792-9500 (707) 792-9504

Requested Tests (See legend below) r, 4 က N

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Collection Date Hold

Matrix

ClientSampID

Sample ID

MW-3 ₩ 4

0605207-001 0605207-002

5/9/06 12:30:00 PM

5/9/06 12:50:00 PM Water Water

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Test Legend:

METALSMS_DISS 218 6 W ဖ 1

PRDISSOLVED 300_1_W 12

6 PREDF REPORT 300_1SPE_W

8 က

W_SYXO-6 TPH(D)_W 4

G-MBTEX_W ကြ 10 Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Edd Clark & *OCOP*Associates, Inc.
Environmental
Consultants

Chain of Custody Report

P.O. Box 3039, Rohnert Park, CA 94927 Tel: (707) 792-9500 (800) 474-1448 Fax: (707) 792-9504

E-mail in EDF for Upload to Geotracker:

Yes No D Initials

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